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U.S. Department of Agriculture.

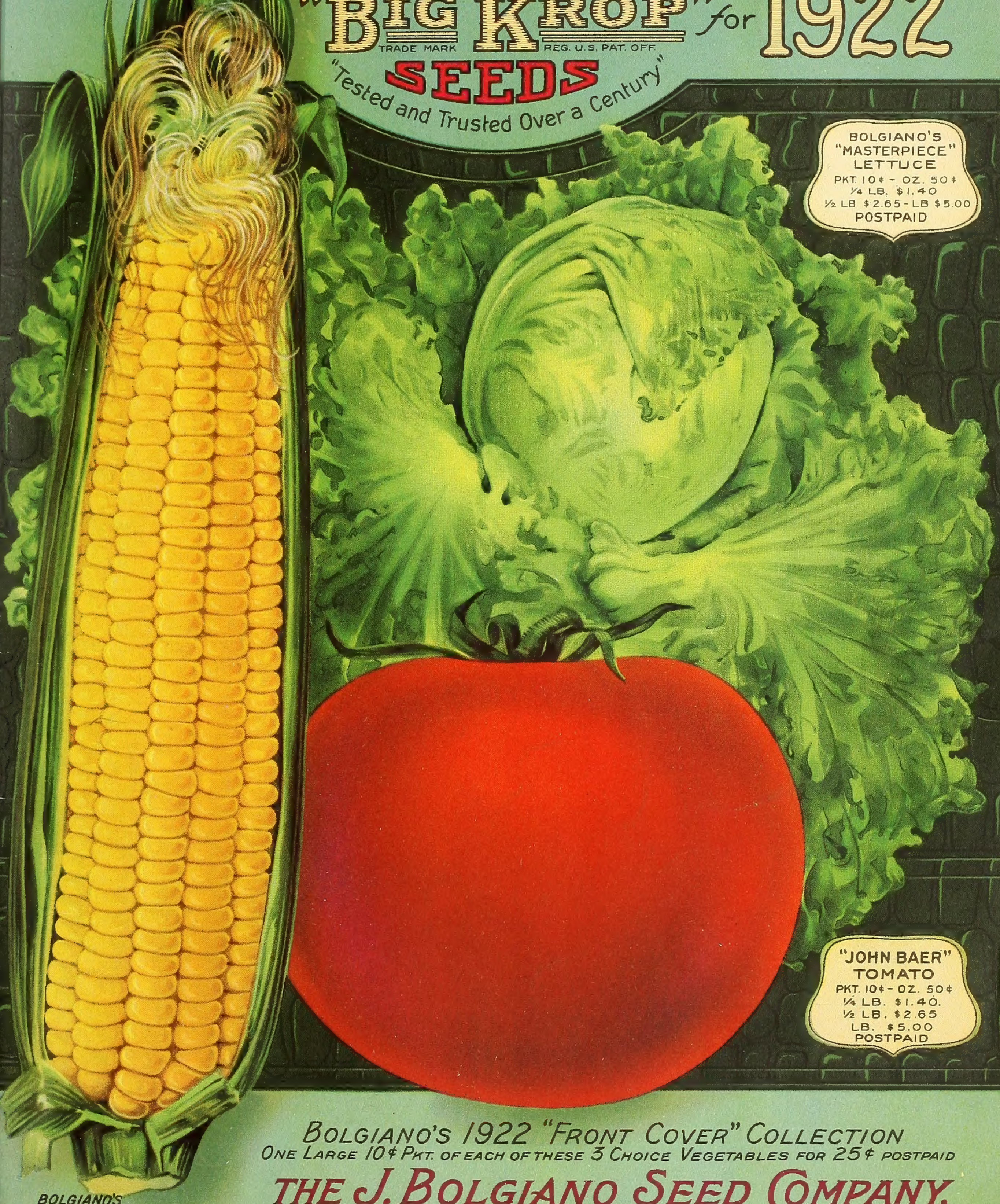
Bolgiano's

"BIG KROP" for 1922

TRADE MARK REG. U.S. PAT. OFF.

SEEDS

"Tested and Trusted Over a Century"



BOLGIANO'S
"MASTERPIECE"
LETTUCE
PKT. 10¢ - OZ. 50¢
¼ LB. $1.40
½ LB $2.65 - LB $5.00
POSTPAID

"JOHN BAER"
TOMATO
PKT. 10¢ - OZ. 50¢
¼ LB. $1.40.
½ LB. $2.65
LB. $5.00
POSTPAID

BOLGIANO'S
"CREAM AND HONEY"
SUGAR CORN
PKT. 10¢ - ½ LB. 15¢ - LB. 25¢ - 2 LBS. 40¢
10 LBS. $1.75 - 25 LBS. $3.75 - 100 LBS. $12.00.

BOLGIANO'S 1922 "FRONT COVER" COLLECTION
ONE LARGE 10¢ PKT. OF EACH OF THESE 3 CHOICE VEGETABLES FOR 25¢ POSTPAID

THE J. BOLGIANO SEED COMPANY,

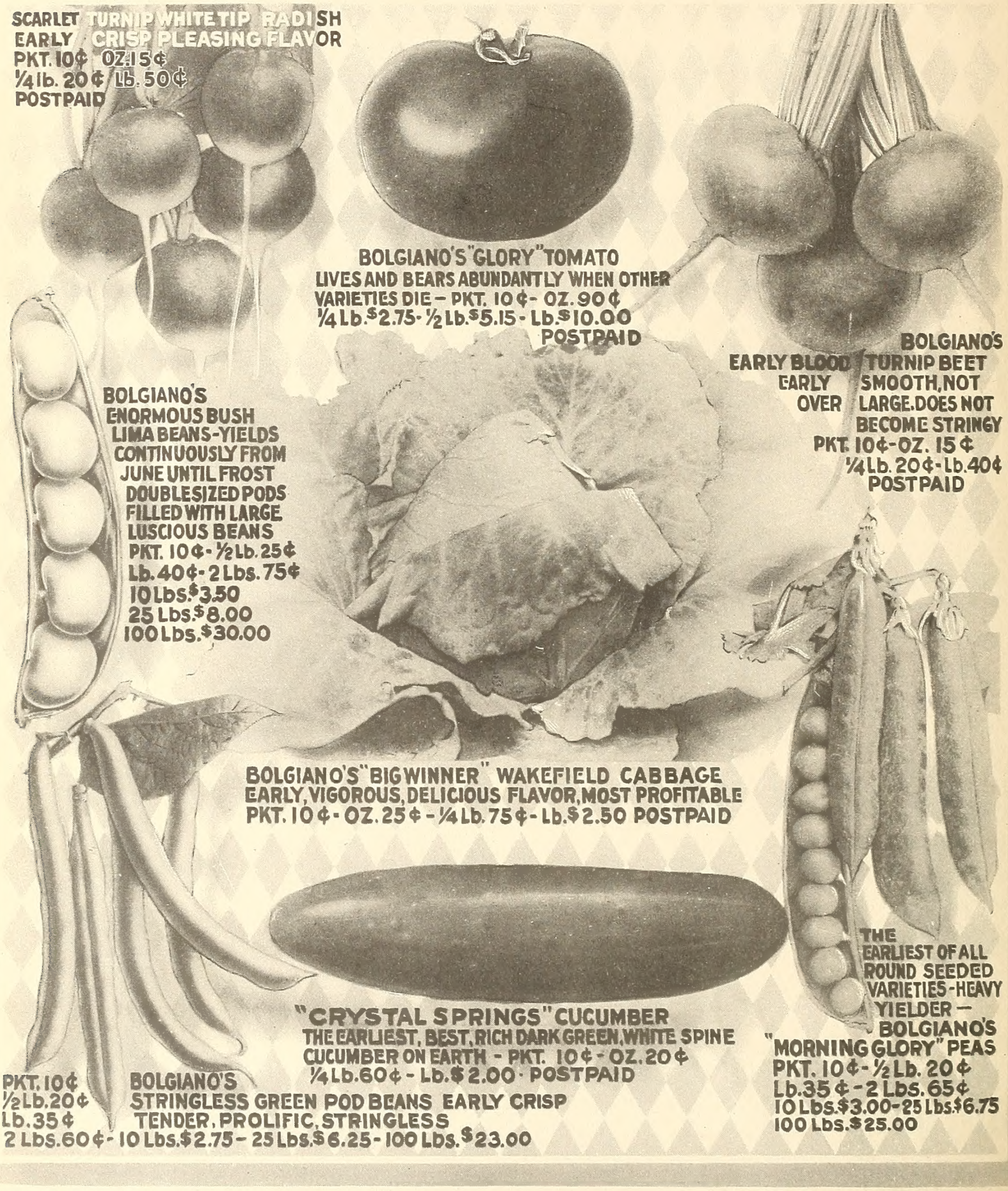
FOUNDED 1818 INCORPORATED 1921

"WE HAVE NO BRANCH HOUSES"

BALTIMORE, MARYLAND.

BOLGIANO'S "BIG SURPRISE" COLLECTION

8 LARGE 10¢ PKTS OF THE CHOICEST VEGETABLE SEEDS FOR 50¢ POSTPAID



SCARLET TURNIP WHITE TIP RADISH
EARLY CRISP PLEASING FLAVOR
PKT. 10¢ OZ. 15¢
¼ lb. 20¢ Lb. 50¢
POSTPAID

BOLGIANO'S "GLORY" TOMATO
LIVES AND BEARS ABUNDANTLY WHEN OTHER
VARIETIES DIE – PKT. 10¢ - OZ. 90¢
¼ Lb. $2.75 - ½ Lb. $5.15 - Lb. $10.00
POSTPAID

BOLGIANO'S
EARLY BLOOD TURNIP BEET
EARLY SMOOTH, NOT
OVER LARGE. DOES NOT
BECOME STRINGY
PKT. 10¢ - OZ. 15¢
¼ Lb. 20¢ - Lb. 40¢
POSTPAID

BOLGIANO'S
ENORMOUS BUSH
LIMA BEANS-YIELDS
CONTINUOUSLY FROM
JUNE UNTIL FROST
DOUBLESIZED PODS
FILLED WITH LARGE
LUSCIOUS BEANS
PKT. 10¢ - ½ Lb. 25¢
Lb. 40¢ - 2 Lbs. 75¢
10 Lbs. $3.50
25 Lbs. $8.00
100 Lbs. $30.00

BOLGIANO'S "BIG WINNER" WAKEFIELD CABBAGE
EARLY, VIGOROUS, DELICIOUS FLAVOR, MOST PROFITABLE
PKT. 10¢ - OZ. 25¢ - ¼ Lb. 75¢ - Lb. $2.50 POSTPAID

THE
EARLIEST OF ALL
ROUND SEEDED
VARIETIES-HEAVY
YIELDER –
BOLGIANO'S
"MORNING GLORY" PEAS
PKT. 10¢ - ½ Lb. 20¢
Lb. 35¢ - 2 Lbs. 65¢
10 Lbs. $3.00 - 25 Lbs. $6.75
100 Lbs. $25.00

"CRYSTAL SPRINGS" CUCUMBER
THE EARLIEST, BEST, RICH DARK GREEN, WHITE SPINE
CUCUMBER ON EARTH - PKT. 10¢ - OZ. 20¢
¼ Lb. 60¢ - Lb. $2.00 - POSTPAID

PKT. 10¢
½ Lb. 20¢
Lb. 35¢
BOLGIANO'S
STRINGLESS GREEN POD BEANS EARLY CRISP
TENDER, PROLIFIC, STRINGLESS
2 Lbs. 60¢ - 10 Lbs. $2.75 - 25 Lbs. $6.25 - 100 Lbs. $23.00

KARLE LITHO.CO., ROCHESTER, N.Y.

JAN -4 1922

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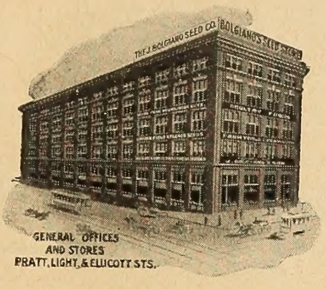
BOLGIANO'S SEEDS

FOUNDED
1818

TESTED AND TRUSTED OVER A CENTURY

INCORPORATED
1921



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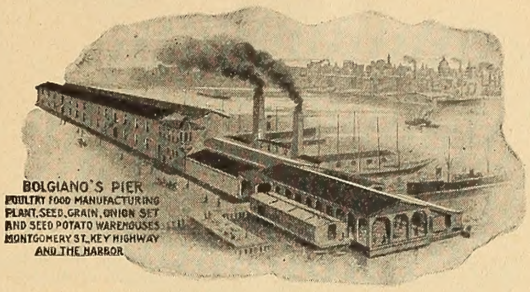
AND STORES
PRATT, LIGHT, & ELLICOTT STS.



BOLGIANO'S PIER
POULTRY FOOD MANUFACTURING
PLANT, SEED, GRAIN, ONION SET
AND SEED POTATO WAREHOUSES
MONTGOMERY ST., KEY HIGHWAY
AND THE HARBOR

To Our Many Friends and Customers:

The year 1922 dawns with a wonderful possibility for the bringing back of normal conditions, if we all, every one of us, use our every endeavor in that direction.

The only way prices can be brought to a normal standard, is by the production of the article in sufficient quantities to supply the demand. We therefore ask that you plant liberally this year—increase your acreage—produce more poultry.

Good seed is the foundation of all good agriculture. We have given our entire time and attention in surrounding the growing and handling of our seeds with every safeguard that will insure the highest quality possible.

We keenly feel the responsibility placed on us by our customers who entrust us with their order for seed, many of whom their entire business depend upon the quality of the seed we furnish. This confidence we appreciate and respect. It will be our most earnest and constant endeavor to serve in the future more faithfully than ever.

We can now supply you with a full supply of all varieties of Bolgiano's " Big Crop " Seeds, but some items are in short supply, so therefore would advise that you place your order early.

We are also this year in a better position than ever to supply you with your full requirements of Poultry Supplies, where on pages 70 to 96 of this Catalog, you will find listed a fully supply.

We have made prices in this Catalog as reasonable as possible, consistent with highest quality goods.

Wishing you the Happiest and Most Prosperous Year you have ever had, we remain

Yours respectfully, THE J. BOLGIANO SEED CO.

HOW TO ORDER BOLGIANO'S SEEDS—READ CAREFULLY

We Fill Orders of All Values, from the Smallest to the Largest, and All Receive the Same Careful and Prompt Attention. Prices in this Catalogue are Subject to Market Changes—Special Quotations Promptly Given

FREE DELIVERY BY MAIL. We deliver free to any postoffice in the United States all Vegetable and Flower Seeds offered in this Catalogue by the packet, ounce, quarter-pound. On all seeds for over quarter-pounds the Parcel Post table will apply.

When Best to Order. We are fully equipped for filling orders and supplied with New Crop Seeds. Order at once, so that you can have your seed on hand ready to start planting your crops at the proper time without delay.

One or Two Cent Postage Stamps. We will accept the same as cash. **Do not send other kinds.**

If You Live On a Rural Mail Route, just give the letter and the money to the mail carrier and he will get the money order at the postoffice and mail it in the letter for you.

Use Our Order Blank If You Have One. If you haven't one, use any plain paper.

Tell Us In Your Own Way What You Want, in any language. Enclose in your letter the amount of money, either a postoffice money order, which you can get at the postoffice, an express money order, which you can get at the express office, or a draft, which you can get at any bank, or put the money in your letter, take it to the postoffice and tell postmaster you want it registered.

Be Sure to Sign Your Name and Address. If by boat or railroad, say distinctly which boat or railroad to ship by, and if freight has to be prepaid, add this amount to your order to prevent delay.

Don't Be Afraid You Will Make a Mistake. We receive many orders from young and old who never before sent away for seeds. We are accustomed to handling all kinds of orders. No matter whether your order is in good or bad writing, we will promptly fill it and send it to you.

Market Gardeners, Farmers' Clubs and Institutions wanting to purchase seeds in unusually large quantities should write for special prices. We have made prices very low in this Catalogue, yet when a number of bushels or pounds are wanted we can frequently supply at lower price than by the single pound or bushel. In writing give us a list of quantities and varieties required, and we will return list promptly with our lowest price for the lot.

Always Remember That We Can Save You Money, No Matter Where You Live. Write us about any seed you would like to know of, and your letter will be answered the same day it is received. If you wish to know exactly what the freight or express would be on any article to your station, write us and we will tell you.

AS TO WARRANTY, We Believe Our Seeds will produce for you **the best crops you have ever grown,** and to show what confidence we have in our seeds, if they prove otherwise than represented by us, we will refill your order free of charge; but it must be agreed that we do not warrant the crops grown therefrom, either expressed or implied, as to description, purity, productiveness or any other matter, and we will not be in any way responsible for them. If the purchaser does not accept our seeds, etc., on these terms they are at once to be returned and the money that has been paid for the same will be refunded. We appreciate your orders and they receive our prompt attention.

GUARANTEE. We Guarantee All Shipments of seeds, including Parcel Post packages, when remittance accompanies order, to reach the purchaser in good condition.

Change of Address. If you have changed or intend to change your address, please let us know; we will change it on our books, so that you will receive our Catalogue at your new postoffice. We thank you for doing this.

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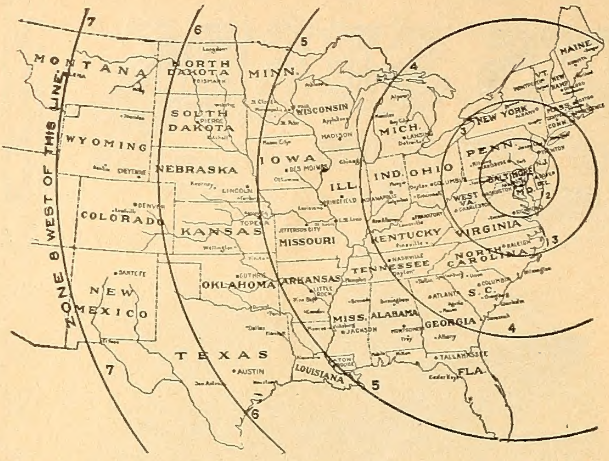
UNITED STATES PARCEL POST RATES—FOURTH-CLASS MATTER

SEEDS, PLANTS, BULBS, ROOTS, GARDEN, LAWN AND POULTRY SUPPLIES



United States Parcel Post Map Showing Zones from Baltimore, Md.

SIZE OF PARCEL THAT CAN BE SENT BY PARCEL POST

Size of package that can be sent by Parcel Post cannot be over 84 inches in length and girth combined.

The rate of postage on mailable parcels of seeds, cuttings, bulbs, roots and plants, weighing 8 oz. or less, shall be 1c for each 2 oz. or fraction thereof, regardless of distance, and on those weighing more than 8 oz. the pound rates shown in table shall apply.

WEIGHTS BY PARCEL POST

Parcels up to 70 lbs. can be sent by Parcel Post in the local, 1st, 2nd and 3rd zones, and up to 50 lbs. in all other zones.

To points further than the 2nd zone, on weight of over 10 lbs., the charge by freight or express is usually more economical.

Rate Table	First Lb. or Fraction	Each Additional Lb. or Fraction
Local Rate, Baltimore and Suburbs only	5c	½c
First Zone, within 50 miles of Baltimore City	5c	1c
Second Zone, within 150 miles of Baltimore City	5c	1c
Third Zone, within 300 miles of Baltimore City	6c	2c
Fourth Zone, within 600 miles of Baltimore City	7c	4c
Fifth Zone, within 1,000 miles of Baltimore City	8c	6c
Sixth Zone, within 1,400 miles of Baltimore City	9c	8c
Seventh Zone, within 1,800 miles of Baltimore City	11c	10c
Eighth Zone, all over 1,800 miles from Baltimore	12c	12c

WE WILL PAY WAR TAX ON PARCEL POST PACKAGES

As a courtesy to our customers and as an appreciation of their trade, we will pay the new War Tax on all Parcel Post packages ordered from us.

On most of the articles listed in this Catalogue, we have given the mailing weight. By referring to the Parcel Post Map above, you can easily see in what zone you are located, and from Rate Table, you can easily determine the amount of postage required.

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460 The "Bolgiano" Tomato

The Most Wonderful Yielder Ever Known

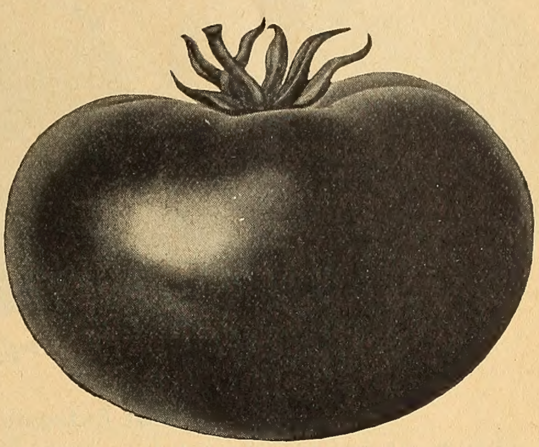
Two Weeks Earlier than the Earliana. Stands Long Distance Shipping. First Fruit as Good as the Prime of the Season. A Solid Mass of Red, Meaty Flesh, Skin Tough, Flesh Tender and Sweet

If you plant the "**Bolgiano" Tomato** you will see with your own eyes in your own field, and your own bank account will show why we have been willing to call this new creation in the Tomato family "Bolgiano," putting back of it our 104 years of experience, reputation and success.

Never have we received such acknowledgments from any of our new creations as we have from the "**Bolgiano" Tomato.** Nature, with her wonderful activities, helped by our expert selections, has produced this wonder of the Tomato family. We know the Tomato grower and his every need, whether for canning, market gardening or home gardening, and we have always found him appreciative of our earnest efforts for his advancement.

The "**Bolgiano" Tomato** is two weeks earlier than the "Earliana," very smooth, first fruit as good as the prime fruit of the season. The heavy potato-leaf foliage protects the fruit from sun-scald and blister. It blossoms continuously. "**Bolgiano" Tomato** is the most wonderful producer ever known. More than 1,000 bushels have been gathered from a single acre when adjoining fields of other varieties have been almost barren.

Deep red in color, very solid, no watery seed cavities, a solid mass of meaty flesh. No tough, green core. No green streaks radiating from the stem end. Fruit does not crack, but is all smooth and selected type. Tomatoes picked ripe have been left in the sun for two weeks and remain fit for table use.



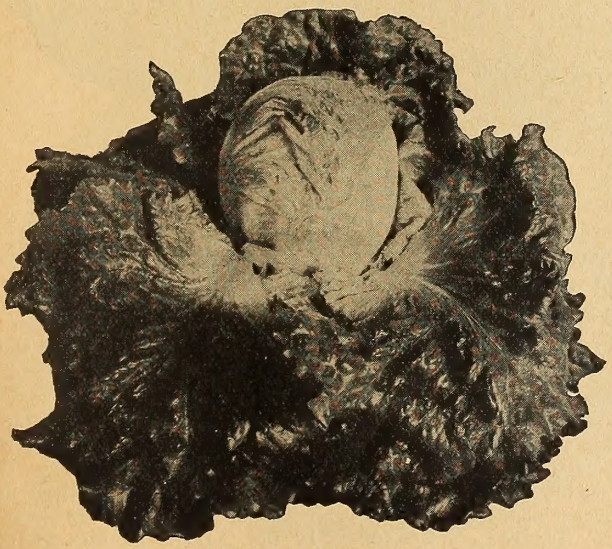
The "Bolgiano" Tomato

Skin is very tough, flesh is sweet and tender. Will stand long-distance shipping in perfect condition. Although shipped long distances, it will appear as solid and as fresh as though just pulled from the vine. The best seller on the market stall. Plants set out on the twentieth of May produced ripe fruit on the first of July. "**Bolgiano" Tomato** can be grown in any part of the United States with wonderful success. "**Bolgiano" Tomato** is accepted and acknowledged the most wonderful Tomato ever grown.

Pkt. 25c. ½ Oz. 70c. Oz. $1.25. ¼ Lb. $4.15. ½ Lb. $8.00. Lb. $15.00. Postpaid.

415 Bolgiano's "Masterpiece" Lettuce

Sure Header, Very Solid, Beautifully Blanched, Crisp as Ice, Mild, Tender, Delicious Flavor. A Very Profitable Lettuce to Grow



Bolgiano's Masterpiece Lettuce

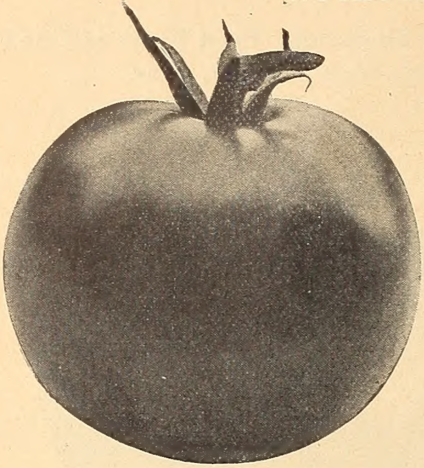
This wonderful Lettuce has been grown and tested for the past two years by thousands of Lettuce growers for both market and home use. They were unanimous in pronouncing this Lettuce to be a sure header, very solid, beautifully blanched, crisp as ice, with a mild, tender, sweet, delicious flavor. No matter how hot or how long it remain in the garden, it will keep crisp, tender and sweet. No bitterness. It will not go to seed quickly. Heads grow to the size of 24 inches around and 12 inches from tip to tip of leaf. Can be grown in open ground after danger of frost is over, all during Summer and early Fall. Never spots or turns dark in any part.

This Lettuce will please the most critical market gardeners. It is equally well suited for the home garden, nearby markets, or long-distance shipping. It does well in any section of the country, and Lettuce growers throughout the United States will find it a very profitable variety to grow.

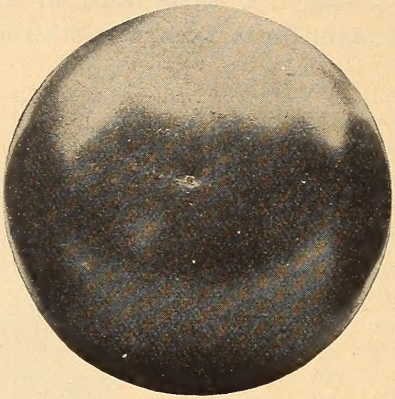
Pkts. 10c. ½ Oz. 30c. Oz. 50c. ¼ Lb. $1.40. ½ Lb. $2.65. Lb. $5.00. Postpaid.

234 "John Baer" Tomato The Earliest of the Earlies

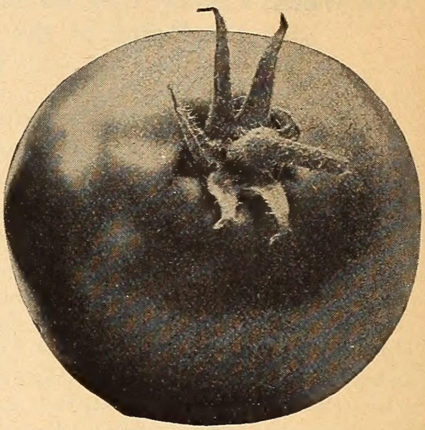
We Are the Sole Distributors of Originators' Stock



"John Baer" Tomato
Bolgiano's Perfect Type



Perfect Blossom End
Free From Scar



Perfect Stem End
Free From Core and Blemishes

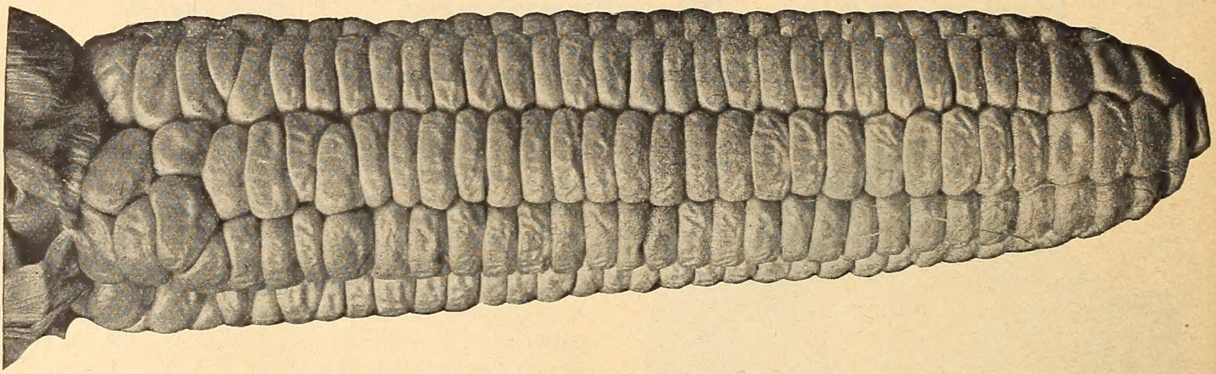
The Best Extremely Early Tomato on Earth

"John Baer" Tomato produces the most perfect High Crown Tomatoes ever grown, entirely free from core. **"John Baer" Tomato** produces an enormous crop of tomatoes, 100 fruit or over to each plant. Every **"John Baer" Tomato** ripens evenly right up to the stem. No cripples, no scales, no blight, no cracked, no wrinkled, no one-sided, uneven, scarred fruit. When dead ripe **"John Baer"** will not burst. **"John Baer"** has a wonderful glistening, brilliant, bright red color. **"John Baer"** has a mild, deliciously sweet flavor. **"John Baer" Tomato** is almost seedless. A marvelous stem setter, often ten fruit in first cluster, solid and meaty. **"John Baer" Tomato** is the most perfect shipping tomato ever grown—24 fruit exactly fill a six carrier basket. As a packing tomato, **"John Baer"** is a miracle—they all pack fancy, no seconds and all pack whole.

Pkts. 5c and 10c. ½ Oz. 30c. 1 Oz. 50c. ¼ Lb. $1.40. ½ Lb. $2.65. Lb. $5.00. Postpaid.

Bolgiano's Extra Early "Harvester"

1290 Sugar Corn

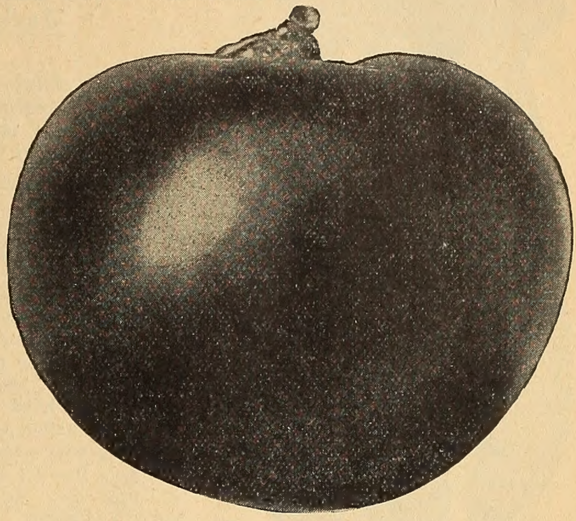


First Delicious White Sugar Corn on the Market. Earlier, Sweeter, Larger Ears than the Golden Bantam. Rapid Grower. Medium Height, Enormous Yielder, 3 to 4 Ears to Stalk, Ears 6 to 7 Inches Long

This is the best Extra Early White Sugar Corn that has ever been placed on the market. For many years the home gardeners have been anxious to obtain a white Corn that would be as early and as sweet as the "Golden Bantam." Bolgiano's "Extra Early Harvester" Sugar Corn has been thoroughly tested and tried with all the other extra early varieties. It is several days earlier than the "Golden Bantam," sweeter flavor, ears larger and pure white in color. We tested this Corn in the northern part of Maine where the seasons are very short and where often Corn does not grow to maturity. Bolgiano's "Extra Early Harvester" Sugar Corn has won honors in this section, always maturing. It can be planted early in the Spring, just as soon as the ground begins to show warmth. It is a rapid grower, medium in height, enormous yielder, 3 to 4 ears to the stalk, 6 to 7 inches long. This is a superior variety for the home gardener and is a profitable extra early Corn for market gardeners. Lb. 15c. 2 Lbs. 30c. 10 Lbs. $1.30. 25 Lbs. $2.75. 100 Lbs. $10.00.

378 Bolgiano's "Glory" Tomato

Lives and Bears Abundantly When Other Varieties Die



"Glory" Tomato

"**Glory**" **Tomato** ripens earlier than many other varieties that are usually planted for early use and is an abundant and continuous bearer.

"**Glory**" **Tomato** produces vines that are well set with fruit, bearing from the ground to the top of the vine. At times the vines are so full that they can hardly hold all the fruit that they produce. The vines are short-jointed, vigorous and healthy. So pure in type they are almost identical in all respects. They keep vigorous and green until frost and then are full of fruit.

"**Glory**" **Tomato** produces at every joint large clusters of good size, smooth, firm, beautifully shaped fruits, uniform in shape, color and size. They ripen evenly and color up well.

"**Glory**" **Tomato** is decidedly disease resistant. It has proven absolutely blight-proof when other crops side by side were ruined by blight.

"**Glory**" **Tomato** is one of the handsomest Tomatoes grown. It has an exceptionally fine Red Color. Mild, Delicious Flavor. The fine breeding and careful selection of this strain shows up in the fruit. It is entirely free from cracks.

"**Glory**" **Tomato** has thousands of friends. They speak of it in the following terms: "A world-beater." "Has more good qualities than any other." "Outyields and outsells any Tomato on the market." "Has great value for both market and canning purposes." "By far the best ever grown." "No Tomato equal to it." "Did best of all." "Rest not in it." "Prefer it to all others." "Outyields and outsells all others." "Lives and bears abundantly when other varieties die."

Pkts. 10c and 25c. ½ Oz. 50c. Oz. 90c. ¼ Lb. $2.75. ½ Lb. $5.15. Lb. $10.00. Postpaid.

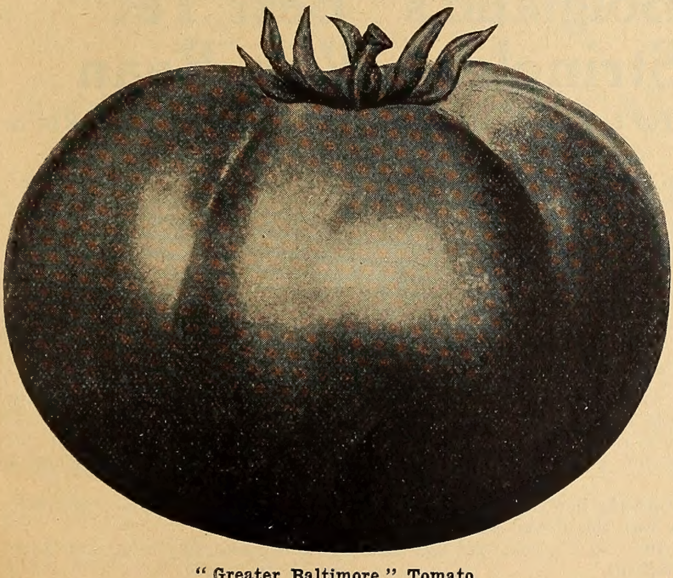
279 Bolgiano's "Greater Baltimore" Tomato

The World's Greatest Canning Tomato

The Best Second Early and Main Crop Tomato. Ranks First in Yield and Quality. Its Extremely Heavy Weight, Due to Its Firmness and Great Meatiness, Makes It a Wonderful Canning Tomato. It Ripens Evenly to the Stem and is Entirely Free from Ridges, Cracks and Blight. Smooth, Well-Formed. Fruits in Large Clusters at Every Second Joint. Joints Are Short and Sturdy. Brilliant Red Color. Vigorous, Compact, Healthy Vines. Just Doubles the Yield of Many of the Best Cropping Tomatoes You Have Ever Grown.

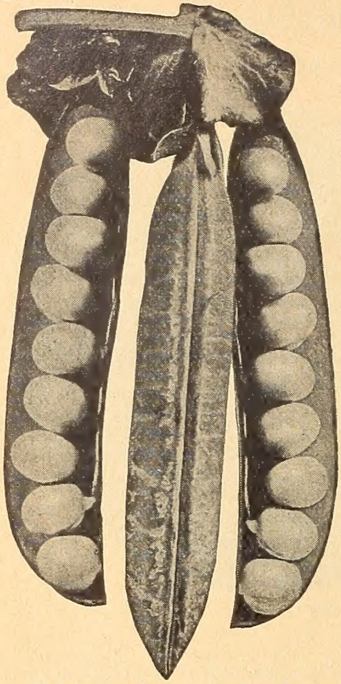
The "Greater Baltimore" Tomato has been grown in every Tomato State in the Union, and in many foreign countries; it is almost impossible to give a description of its merits without seeming to claim for it Supernatural Powers; so in describing it, we will, as far as practical, confine ourselves to extracts from the experience of those who have grown the "Greater Baltimore" during the past fourteen years. Growers write, "Out of 15 Red Varieties it was the best of all." "Very prolific—it yielded from 300 to more than 650 bushels of 60 pounds per acre." One man raised 17,000 plants from one-fourth pound of "Greater Baltimore" Tomato Seed. "Vigorous grower, strong, healthy plants. Fruit uniform in shape and size, large, very regular, smooth, shapely, fleshy, very meaty, ripens well and evenly. Beautiful bright red color, fruit very handsome, dozens weighing 30 ounces, and several exceeding 32 ounces." Seed planted side by side with Stone has outyielded that variety four to one. Used almost exclusively by "The Giants among the Packers" throughout Indiana and Illinois. "Fine crop in bad season." Excellent keeper—has kept until New Year's Day. Rust and blight proof. Recommended unreservedly by a grower for "the section around Lakeland, Fla." Had proved better than any variety tried at Pictou, Canada. "Stands the heat and drought of Mississippi." "Very valuable for South Carolina climate." In the canning districts of Delaware and Maryland "yielded a fine crop in a bad season." Texas says there is no better Tomato in size and taste on the market; not an acid Tomato—very fine flavored. As a home garden Tomato "the results have been far beyond expectation." On our own table we sliced the "Greater Baltimore" Tomato like we would slice a fine, tender roast beef.

Pkts. 5c and 10c. ½ Oz. 30c. Oz. 50c. 2 Ozs. 80c. ¼ Lb. $1.40. ½ Lb. $2.65. Lb. $5.00. Postpaid.



"Greater Baltimore" Tomato

Bolgiano's "Early Bird" Pea



Bolgiano's "Early Bird" Peas

A Wonderful New Early Semi-Wrinkled Dwarf Pea Extremely Early, Very Hardy, Mammoth Podded Vines 2 to 2½ Feet High

1048. **Bolgiano's "Early Bird" Peas** are unsurpassed for their extreme earliness, superb quality and unusual productiveness.

The dwarf, vigorous vines measure 2 to 2½ feet and carry enormous crops of large, long, beautiful, deep-green pods.

The handsome pods measure 4 to 4½ inches long and are filled with 9 to 10 slightly indented, round, blue marrow Peas.

The Peas are large in size and of the most luscious flavor.

Bolgiano's "Early Bird" Peas can be sown as soon as the ground can be worked, for they do not rot in the ground like fully wrinkled varieties.

Bolgiano's "Early Bird" Peas can be pulled as early as the Extra Early Alaskas, with pods double the size.

A robust grower and a very heavy cropper.

If you knew the wonderful merits of **Bolgiano's "Early Bird" Peas** as we do, you would not hesitate to put your entire crop in this Pea. You certainly should give **"Early Bird" Peas** a liberal trial this Spring.

The market gardeners who first plant **"Early Bird" Peas** the heaviest are the ones who will realize the largest profits.

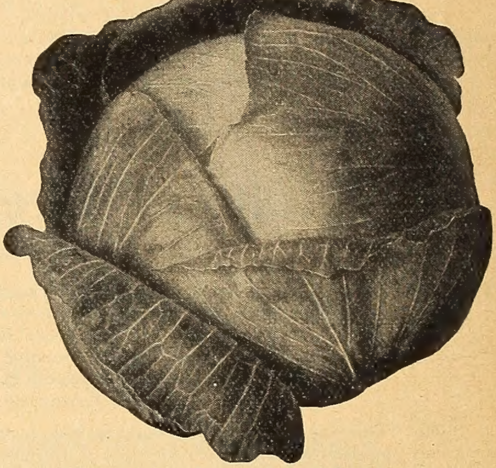
As a Pea for the home garden it is unsurpassed.

Pkt. 10c. ½ Lb. 25c. Lb. 40c. 2 Lbs. 75c. 10 Lbs. $3.50. 25 Lbs. $8.00. 100 Lbs. $30.00.

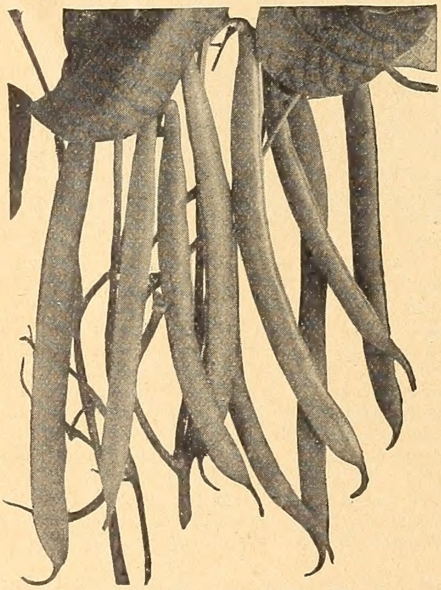
Bolgiano's New "Square-Deal" Cabbage

It is absolutely a "Square Deal," as we have seen ten-acre fields without a single irregular head. The uniform heads are of excellent size for shipping, larger than the "New Leader" and yet not so large as to be unwieldly. The color is a fine fresh green and is retained during long shipments. The heads are solid and compact with very few outer leaves. For a fine Solid, Tender, Uniform, Early Flat Cabbage, Bolgiano's New "Square Deal" Cabbage challenges the world. The demand for a fine Cabbage of this character led us by the most rigid and careful selection, during the past five years, to mature this Cabbage, which we are confident will give all our friends and customers a "Square Deal" every time.

Pkt. 5c. and 10c. ½ Oz. 15c. Oz. 25c. 2 Ozs. 45c. ¼ Lb. 75c. ½ Lb. $1.35. Lb. $2.50. Postpaid.



Bolgiano's "Square Deal" Cabbage



Bolgiano's "Best Yet" Wax Beans

1288 Bolgiano's "Best Yet" Stringless Wax Bean

Beautiful Lemon Yellow Wax Pods Without Rust, Rot or Blight. Absolutely Stringless

Of all the Wax Beans Bolgiano's "Best Yet" Stringless Wax Beans are the finest that have ever been introduced. The plant is of an erect, bushy habit, reaching 18 to 20 inches high, thus protecting the fleshy pods from wet soils during rainy seasons. Pods 6 to 7 inches long, rich lemon yellow in color, brittle, absolutely stringless, without fiber.

Market gardeners will be delighted with Bolgiano's "Best Yet" Stringless Wax Beans because they are a wonderful yielder, the bushes are heavy laden with pods free from rust, rot or blight. This makes them very desirable for both market and canning trade. Its tenderness and delicious flavor has attracted not only the market gardeners but the home gardeners as well. They retain their flavor when canned, and one would believe they were eating Beans fresh from the vines. You could readily afford to place your entire acreage in Bolgiano's New Stringless Wax Beans. Market gardeners who grow a crop of these wonderful Beans will be the big money makers.

Wide-awake home gardeners will be the first to enjoy the most delicious stringless wax Bean ever created.

Pkt. 10c. ½ Lb. 20c. Lb. 35c. 2 Lbs. 60. 10 Lbs. $2.75. 25 Lbs. $6.25. 100 Lbs. $23.00.

1277 Bolgiano's New "Victory" Pea

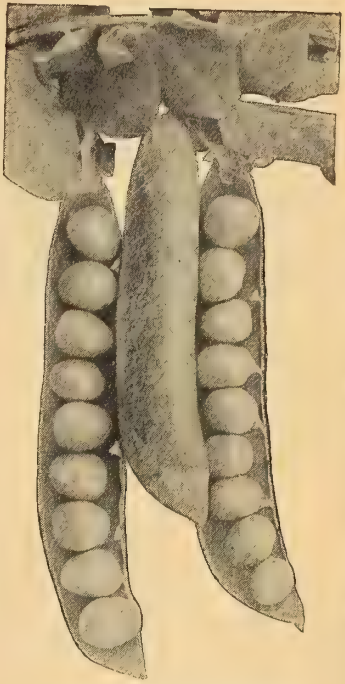
Beautiful Deep Dark Green Pods 5½ to 6 Inches Long.
Healthy, Vigorous Grower, Enormous Producer.

Pods Retain Their Deep Dark Green Color Long After Picking.
Large Size Peas. Delicious Satisfying Flavor.

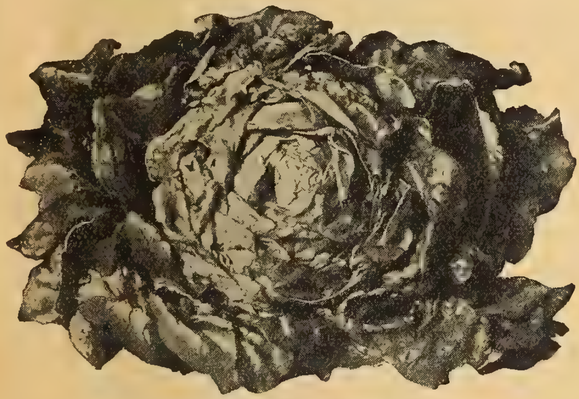
Luxuriant Vines Grow 48 Inches High.

For many years the market gardeners have been looking for a large-podded pea that would hold its deep dark green color many days after picking. When we first obtained this remarkable Pea we had only a few vines with which to start, and we saw at once it was the Pea market gardeners are longing for. "Victory" Pea is a very healthy and vigorous grower and very productive. Vines are deep dark green in color, very luxuriant in appearance. Pods 5½ to 6 inches long, filled with beautiful deep dark green Peas of large size and most delicious flavor. The pods retain their deep dark green color long after picking. We unhesitatingly claim this to be the very best Pea on the market today. Its heartiness and fine, delicious flavor will make it a favorite with the home gardeners.

Pkt. 10c. ½ Lb. 20c. Lb. 35c. 2 Lbs. 65c. 10 Lbs. $3.00. 25 Lbs. $6.75. 100 Lbs. $25.00.



Bolgiano's New Victory Pea



Bolgiano's "Long Lost" Lettuce

380 "Long Lost" Lettuce

Excels All Others On the Market As a Shipper, As a Keeper, In Quality, In Sweetness, In Flavor, In Color, In Profits, In Reliability, In Hardiness

PRODUCES THE BEST

Early Heads, Large Heads, Sure Heads, Solid Heads, Compact Heads, Tender Heads, Globular Heads, Firm Heads, Uniform Heads

"Long Lost" Lettuce is decidedly buttery in flavor, sweet, tender, with both finest shipping and eating qualities. Leaves are of much substance and not easily torn.

"Long Lost" Lettuce is of a solid, bright, attractive green. It is never spotted or brownish in any part.

As a splendid shipper **"Long Lost" Lettuce** far surpasses every other Lettuce, including the Big Boston. It is a wonderful shipper and those growers who realize it first and quickly grasp this remarkable opportunity, are the ones who will profit far beyond their highest hopes.

"Long Lost" Lettuce produces large, extremely solid, compact, cabbage heads. It is a reliable, sure header and is very hardy. It will Winter over better than Big Boston Lettuce. It stands the cold.

"Long Lost" Lettuce will keep remarkably well. It is distinctly a market gardeners' and Southern shippers' Lettuce. Heads are large, compact, globular in shape, very firm, well defined and beautifully blanched.

Pkt. 10c. ½ Oz. 30c. Oz. 50c. 2 Ozs. 80c. ¼ Lb. $1.40. ½ Lb. $2.65. Lb. $5.00. Postpaid.

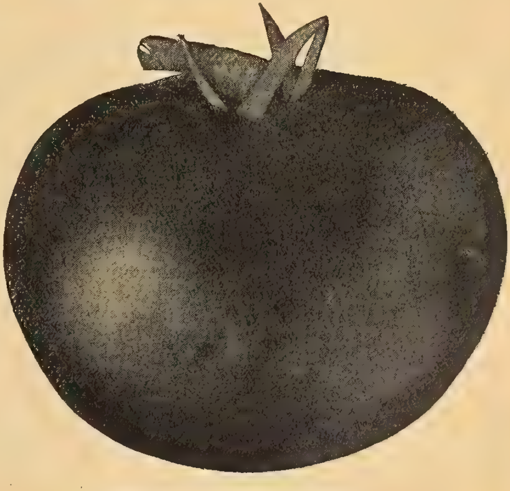
277 Bolgiano's I. X. L. Tomato

Wonderfully Prolific   Extremely Early

A Week Earlier Than Earliana. More Productive Than Chalk's Jewel. As Large as the Great B. B. As Solid as the New Century. One of the World's Leading Extremely Early Tomatoes.

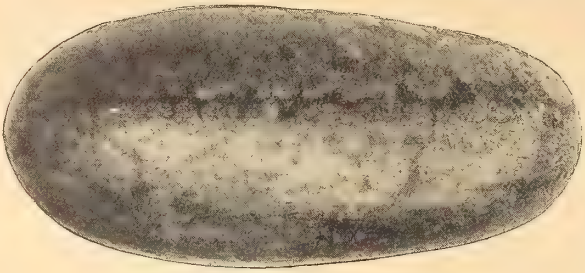
In Market Gardener's Field Tests, I. X. L. Tomato proved to be a week to ten days earlier than the Spark's Earliana, with an abundance of fruit larger and more prolific than Chalk's Jewel; in fact, any number of specimens could be found as large as the Great B. B. Tomato. It has little more vine and leaves than the Wealthy Tomato, thus protecting the blossoms from being easily knocked off by heavy rains or winds; also protecting the fruit from being sunburned or scalded. The I. X. L. Tomato is without a single exception one of the Leading Extremely Early Tomatoes, and while many of the most experienced Tomato growers tell us we cannot say too much in favor of this excellent Early Tomato, there are many who have not yet grown it. To them, we say again, you are not experimenting when you plant the I. X. L. Tomato. We stake our reputation on I. X. L.

Prices: Pkt. 10c. ½ Oz. 30c. Oz. 50c. 2 Ozs. 80c. ¼ Lb. $1.40. ½ Lb. $2.65. Lb. $5.00. Postpaid.



Bolgiano's I. X. L. Tomato

A LONG DISTANCE SHIPPER



Bolgiano's " Beauty " Watermelon
Weighs About Fifty Pounds

441 Bolgiano's "Beauty" Watermelon

An Extremely Heavy Yielder
Uniform In Size—A Good Seller

Market gardeners and Watermelon growers all over the country have been very anxious to obtain a melon that would stand long-distance shipping and be a good seller. Bolgiano's " Beauty " Melon has all the good qualities that are desired by the most critical grower and consumer. The rind is very thin, but tough and of a pliable, leathery character, and will stand long-distance shipping. One grower remarked that you could throw this melon over the fence without bursting it. It is filled full of red, solid meat that is perfectly sweet, crisp and tender, absolutely free from any stringiness or toughness. Its deliciously flavored meat has an entirely melting character. It has no equal and is far ahead of anything that is on the market. The skin is light green, divided into broad bands of mottled dark green, producing a velvety effect. It is uniform in size, barrel shape, weighing about 50 pounds. An extremely heavy yielder.

Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c. Postpaid.

408 Bolgiano's "Unsurpassed" Cantaloupe

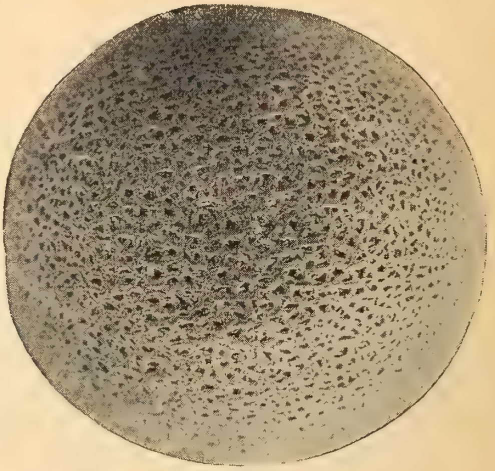
The Best Cantaloupe Ever Grown

FAIRLY MELTS IN YOUR MOUTH

Tender, Delicious, Sweet Flavored, Salmon Colored Meat

Vigorous Grower, Blight Resister, Enormous Producer, Splendid Shipper, Solid Netted, No Culls, Handsome Appearance

SATISFIES THE MOST CRITICAL TRADE

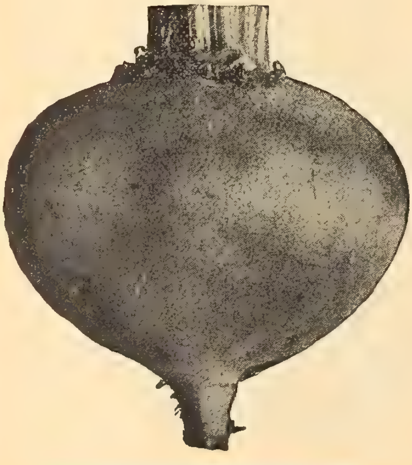


Bolgiano's " Unsurpassed " Cantaloupe

The meat is salmon color, delicious, sweet flavor, perfectly tender and not stringy or tough. It fairly melts in your mouth. The vines are of a vigorous growth, one of the best blight resisters, producing large crops of even size melons, absolutely no culls, solid netted which gives it a beautiful appearance. It is just the kind of Cantaloupe that the shippers and market gardeners should grow, as it sells in any market at a high price. No one purchasing this melon would ever buy any other kind. It is without exception the greatest money maker for the market gardeners, and it will please the most critical buyer and will stand long-distance shipping successfully.

The home gardener will make no mistake in planting this Cantaloupe, and when once used, he will plant nothing else.

Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 45c. ½ Lb. 80c. Lb. $1.50. Postpaid.



Bolgiano's New Early Spring Beet

377 Bolgiano's New "Early Spring" Beet

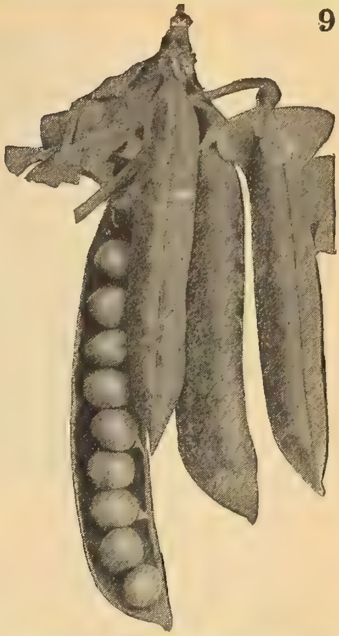
The First Beet in Market, Where it Commands Fancy Prices

Bolgiano's New "Early Spring" Beet has now been given a trial by all the leading market gardeners. They have been wild in their praise of its wonderfully good qualities. It was the first Beet in market, where it commanded the fancy prices. Most perfect in shape and beautiful deep red color. It is much earlier maturing than Crosby's Egyptian and is of a much finer grain. Has a very small tap root, also top not being quite as large as Crosby's Egyptian. Even in maturing, that is, all the Beets can be pulled one week after you start in pulling. Can be sown under grass and transplanted outdoors or sown in the open field and will mature much earlier than Crosby's Egyptian. **Bolgiano's New "Early Spring" Beet** is the result of years of reselecting and improving, resulting in, we believe, the earliest and best Beet on the market. It will pay you handsomely to give it a trial.

Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 45c. ½ Lb. 80c. Lb. $1.50. Postpaid.

1295 Bolgiano's "Morning Glory" Pea

The Earliest of All-Round Seeded Varieties. Vigorous Grower, Heavy Yielder. Large Pods Filled Full of Most Delicious Peas.



Bolgiano's "Morning Glory" Peas

It is truly the "World Beater" in earliness, vigorous growth, heavy yielder of large pods filled full of large and most delicious Peas. Pods and peas are nearly as large as the Gradus and they are much earlier. It is far superior to anything ever introduced in the smooth varieties. Its extra early qualities, its flavor, its size of pods, its productiveness, its vigor and regularity of growth, its shipping qualities, make it the superior Pea for the market gardeners. The "**Morning Glory**" **Pea** is absolutely free from runners and attains a height of three feet, just short enough to bear a large crop. The pleasure the home gardener anticipates in supplying his table with the first picking of the most delicious Peas is quickly realized after planting the "**Morning Glory.**" Order early to be certain of securing some of the "**Morning Glory**" **Peas.**

½ Lb. 20c. Lb. 35c. 2 Lbs. 65c. 10 Lbs. $3.00. 25 Lbs. $6.75. 100 Lbs. $25.00.

407 Victory Tomato

The Marvel of the Seed World

This wonderful Tomato has been created by the World-Renowned Hybridizer and Tomato Seed Specialist, Mr. John Baer.

"Victory" Tomato

Carefully considering all the grand, victorious points of the "John Baer" Tomato and all the splendid, strong, profitable points of the "Greater Baltimore" Tomato, Mr. Baer set for himself the great task of merging the "John Baer" Tomato and the "Greater Baltimore" Tomato together and creating the most wonderful Tomato the world has ever known.

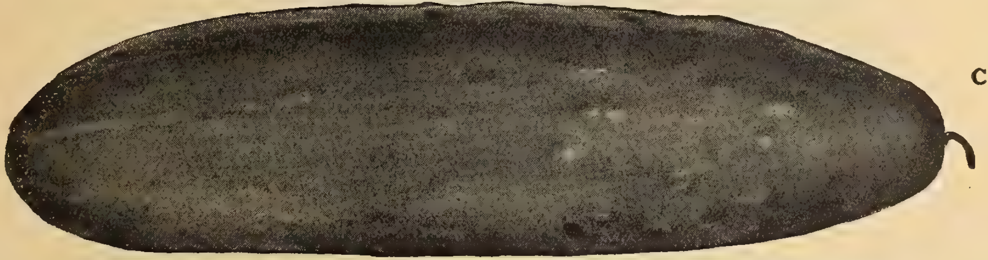
1st. "**Victory**" **Tomato** is the most beautifully shaped Tomato the world has ever seen.
2d. "**Victory**" **Tomato** is free from core. It produces all perfect high-crown fruit.
3d. The color is a startling, beautiful, brilliant red.
4th. The fruit is firm, solid and heavy. Crowded full of delicious meat.
5th. "**Victory**" **Tomato** ripens perfectly right up to the stem.
6th. The development is perfect, smooth and even at both stem and blossom end.
7th. Absolutely no waste.
8th. Entirely free from wilt and blight.
9th. "**Victory**" **Tomato** ripens a little later than "John Baer" Tomato, but earlier than "Greater Baltimore" Tomato.
10th. It is a marvelous yielder. The abundance of its crops will amaze you.
11th. The flavor is distinct, mild, refreshing and delicious, entirely free from any stinging or biting acidity.
12th. Produces heavy crops of fine fruit when other varieties are complete failures.

Pkts. 10c and 25c. ½ Oz. 50c. Oz. 90c. ¼ Lb. $2.75. ½ Lb. $5.15. Lb. $10.00. Postpaid.

394 Bolgiano's "Crystal Springs" Cucumber

THE EARLIEST, BEST WHITE SPRING CUCUMBER ON EARTH

HEAVY YIELDER



CONTINUOUS BEARER

ATTRACTIVE, RICH, GLOSSY, DEEP GREEN COLOR—NEVER TURNS YELLOW

The vines are of strong, vigorous growth with healthy foliage, mildew-proof, and maintains their luxuriance and set the extra long fruit abundantly from the earliest to the latest season. The Cucumbers are uniformly smooth and regular in form—in fact, it is the most perfect Cucumber that you have ever seen. No misshapen fruits or culls. The skin is thin and tender. An attractive rich glossy deep green in color, which it carries to the very tips. It never turns yellow, even when fully ripe. The flesh is firm, fine grained and tender, sparkling white, of the most delightful and refreshing flavor. It is entirely free of the bitter taste so often noticed in other varieties. The flesh is thick, the fruit being two to three inches in diameter, with very few seeds. It is ideal for slicing. The quality is superb. Bolgiano's New "Crystal Springs" Cucumber is the Earliest, Heaviest Yielding, Long Green White Spine Cucumber ever known, under all conditions of culture, whether under glass or in the open ground. It is the ideal Cucumber for either shipping, market or home use. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. ½ Lb. $1.10. Lb. $2.00. Postpaid.

"My Maryland" Tomato

77 "My Maryland" Tomato

A Marvelous Double Yielder

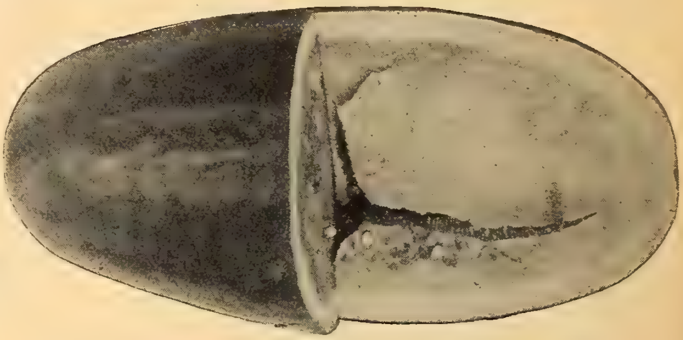
A Wonderful Second Early Main Crop Tomato

The vast possibilities of this Tomato are astonishing. We believed in Greater Baltimore Tomato the limit of productiveness had been reached, but "My Maryland" so far outyields any other Tomato ever grown that its remarkable productiveness is amazing. People have driven miles to see a field of "My Maryland" Tomatoes, and they all marveled at the prodigious abundance of the crop it had produced. The fields were literally covered with the finest well-shaped, perfectly formed, solid, smooth, bright red, uniform fruit, all free from roughness and cracks, much larger than any ever seen before. It was called then and there "A Winner," and it well deserved the title. The Tomatoes are much larger and far heavier than either the Greater Baltimore or the New Century.

Pkt. 10c. ½ Oz. 30c. Oz. 50c. 2 Ozs. 80c. ¼ Lb. $1.40. ½ Lb. $2.65. Lb. $5.00. Postpaid.

405 "General Pershing" Watermelon

More Prolific Than Watson, Sweeter Than Kleckley Sweet. Will Stand Long Distance Shipping Better Than Any Other Melon



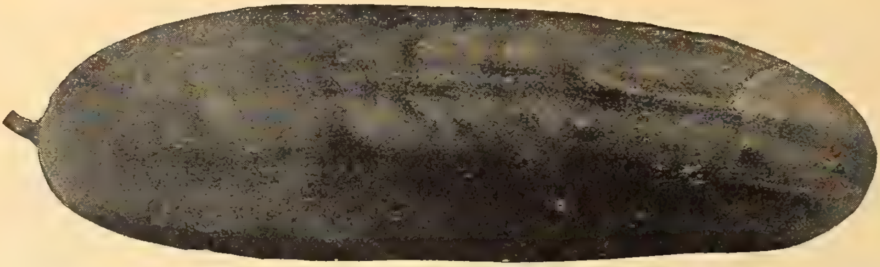
"General Pershing" Watermelon

In naming this Grand New Watermelon, we could find no name that would more appropriately suggest its leadership than to name it after the Greatest General the World has ever known, General Pershing.

"General Pershing" Watermelon is a distinct and very valuable melon. The productiveness is wonderful, producing more marketable melons under the same conditions than any other melon. It is the best to stand dry weather and produces no culls. The vines resist insects that attack them. It is a long melon, well filled out at both ends. The eating quality is unequalled. The sparkling red flesh is as sweet as honey and fairly melts in your mouth. It is entirely free from hard centers and stringiness, yet the flesh is very firm and compact. The size is uniformly large, ranging from 35 to 50 pounds each. Color of rind a light pea green. Ripens much earlier than the Tom Watson, and will keep in good condition for a long time after picking. Will stand long-distance shipping better than any other melon. The rind will not sunburn and will keep in good condition for several days in the sun after becoming ripe, while all dark rind melons will blister on the top, which makes them unsalable.

Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 45c. ½ Lb. 80c. Lb. $1.50. Postpaid.

84 Bolgiano's "Early Fortune" White Spine Cucumber



The Great Money-Making Cucumber The Ideal Cucumber for Home or Market

The Earliest, Best, Rich Dark Green White Spine Cucumber on Earth

Bolgiano's Early Fortune White Spine Cucumbers All Pack Fancy and Are Far Superior to Other Sorts

Early Fortune Always Brings the Highest Prices. You Can Always Depend on Early Fortune

In color, Early Fortune is a rich, attractive deep green. This inviting color it retains during a much longer period of growth than any other variety; it is so regular in form, one so much like the other, growers marvel at the purity and trueness of our stock—in fact, in selecting our stock seed these Cucumbers are so perfect it is almost impossible to say which is best.

The quality is superb, flavor delicate, refreshing and delightful, entirely free from any bitterness; being fine-grained, the flesh compact, it is exceedingly crisp and brittle, making it an ideal slicing Cucumber.

As a shipping Cucumber, "Early Fortune" cannot be surpassed, as it holds up in color and quality longer and better than any other variety.

Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 45c. ½ Lb. 80c. Lb. $1.50. Postpaid.

"Big Crop" Vegetable Seeds for 1922

We Pay Postage on Pkts., Ozs. and ¼ Lbs. Only. Parcel Post Rates, see Page 2

Artichoke ARTICHAUT—*Alcachofa* Artichocke

Jerusalem. The Tubers, roasted or boiled, served with butter, salt and pepper, make a dish, some think, superior to Potatoes. They are most excellent feed for cows and will cause an increase in quantity and quality of milk. Pk. $1.00. Bu. $3.50.

Asparagus Seed ASPERGE—*Esparrago* Spargel

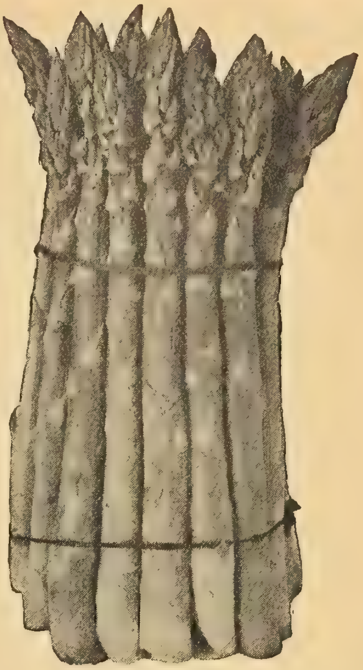
1. **New Palmetto.** Is very early, large yielder, and very regular and even in growth. Average bunches contain 15 shoots, measuring 13½ inches in circumference; weighs 2 pounds. It is equally well adapted for all sections. Its quality is unequaled. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 50c. 5 Lbs. at 45c.

2. **Conover Colossal.** A well-known variety. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 50c. 5 Lbs. at 45c.

526. **Columbian Mammoth White.** Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 50c. 5 Lbs. at 45c.

582. **Barr's Mammoth.** Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 50c. 5 Lbs. at 45c.

583. **Argentine Giant.** Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 50c. 5 Lbs. at 45c.



Asparagus

Asparagus Roots—Horse Radish Roots—Rhubarb Roots

Plant either in Spring or Fall

No effort put forth in the garden will bring more pleasure and satisfaction than an established Asparagus bed, if this is thoroughly prepared according to the following directions. A bed 20 by 50 feet set with 1,000 two-year-old roots will last for years and furnish an abundance:

Directions. Select a good sandy loam, plow the ground as deep as possible, dig out 12 inches deep, put in a layer of 4 inches of good, strong stable manure, and press down; then fill in with good, rich, black loam to the top of the bed; sow on the top of the bed 100 lbs. of Kainit to 1,000 square feet of bed; incorporate this thoroughly to depth of 3 inches. After leveling bed off even, stretch a line the length of bed 9 inches from the edge, and with a spade cut a furrow 8 inches deep, set a row of plants along the trench 9 inches apart, with the crowns of the roots 2 inches below the surface, then cover up, make even and plant other rows 9 inches apart.

Palmetto Fine Healthy Roots. (Doz. roots 35c, postpaid.) 100 for $1.50. 1,000 for $10 00.

Horse Radish Roots. By mail, postpaid. Doz. 30c. Express, not paid, 50 for 60c. 100 for $1.00. 300 for $2.75. 500 for $4.25. 1,000 for $8.00.

Rhubarb Roots. 2-Year-Old, Extra Large Fine Roots. 25c each. 3 for 65c. Postpaid. By express, not prepaid: Doz. $2.00. 100 roots, $15.00.

We Supply Packets of all Beans at 5c and 10c each

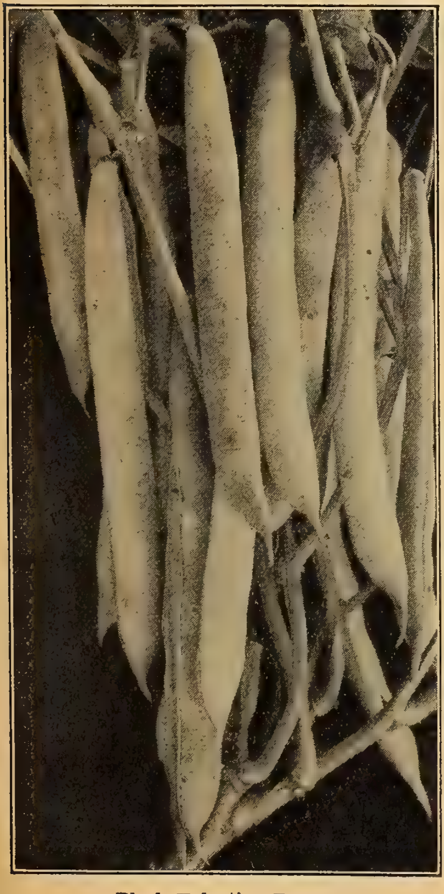
Green Pod Bush Beans KRUP BOHNEN—*Haricots Nains* Frijolis

Parcel Post Rates, see Page 2. We Pay Postage on 5c and 10c Pkts. 1 Qt. to 100 feet of drill, two bushels to the acre

Culture. Beans are somewhat tender, but it often pays to take some risk. Plant in warm, loamy soil at the beginning of settled, warm weather in Spring, and at intervals for succession until August. Rows may be made 2 feet apart, and the Beans planted not more than 2 inches deep and several inches apart in the drills, or 3 or 4 Beans in hills 6 to 8 inches apart. Cultivate and hoe frequently, always, however, when the vines are perfectly dry. In hoeing draw the soil up towards the rows or plants. For String Beans, gather the pods clean as fit for use. The plants will remain all the longer in bearing.

1134. **"Home, Sweet Home," Bolgiano's New Bean.** A most delicious addition for the home garden. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. $2.10. 25 Lbs. $5.00. 100 Lbs. $18.00.

1008. **New Giant Stringless Valentine.** This is a great improvement on the oldtime popular favorite Valentine Bean. The pods are fully one-third longer, averaging 5 to 6 inches in length; absolutely stringless, very crisp, round, full and fleshy. It is enormously productive, its handsome pods being ready for market a few days earlier than old Valentine. We confidently recommend it either for the home garden or as a profitable variety to grow for market. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.



Black Valentine Beans

1009. **Burpee's New Stringless Green Pod Beans.** Crisp, tender, luscious flavor. Handsome light green pods, are ready to market TWO WEEKS EARLIER than the Red Valentine. Pods are full, fleshy and produced in great abundance, remaining green on vines in an edible condition longer than any other Bean known. Pkt. 10. Lb. 31c. 2 Lbs. 62c. 10 Lbs. $2.80. 25 Lbs. $6.75. 100 Lbs. $25.00.

1003. **Extra Early Refugee Round Green Pod.** Has pods of a beautiful, attractive, light green color, round, tender and of a luscious flavor. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. $2.10. 25 Lbs. $5.00. 100 Lbs. $18.00.

1006. **Hopkins' Earliest Red Valentine Beans.** Are one of the earliest and most prolific round green podded Beans. Comes into bearing earlier than the old stock of Valentines, is a wonderful producer and a perfect shipper. It will remain in a perfect condition for nearly two weeks after picking. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1007. **Bolgiano's Earliest Red Valentine Beans.** This superior Bean has been carefully built up to satisfy a most critical market gardener's trade. Under favorable conditions it is ready for picking in 35 days from planting. Canners use them because they are always tender and have beautiful round green pods. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1004. **Late Refugee or 1,000 to 1.** Exceedingly productive; for medium and late use. The young pods are tender and of fine flavor; the color is a silver green. Pods are round and slim. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1010. **Dwarf Horticultural or Cherry Bean. A crop of these Beans has never failed to pay.** This is a broad, long, flat, meaty Bean, very productive, delicious flavor. It also makes a good dried Bean for Winter. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. $2.10. 25 Lbs. $5.00. 100 Lbs. $18.00.

1011. **Henderson's Bountiful Beans.** A prolific and continuous bearer. The first in Spring, the last in Fall. Stringless, delicious flavor. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. $2.10. 25 Lbs. $5.00. 100 Lbs. $18.00.

1015. **Longfellow Green Podded Bush Beans.** Long, round, green pods, exceedingly prolific, always solid. Remarkably early. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. $2.10. 25 Lbs. $5.00. 100 Lbs. $18.00.

1017. **Extra Long Yellow, Six Weeks.** Pods flat and green; a leading market sort. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. $2.10. 25 Lbs. $5.00. 100 Lbs. $18.00.

1281. **King of the Earlies.** Pods long, smooth, straight and of a handsome bright green color. Very prolific. Pkt. 10c. Lb. 31c. 2 Lbs. 62c. 10 Lbs. $2.80. 25 Lbs. $6.75. 100 Lbs. $25.00.

1282. **Best of All Early Market.** Vigorous branching habit. Pods 5 to 5½ inches long. Pkt. 10c. Lb. 21c. 2 Lbs. 42c. 10 Lbs. $1.80. 25 Lbs. $4.25. 100 Lbs. $15.00.

1184. **White Navy or Pea Beans.** Pkt. 10c. Lb. 18c. 2 Lbs. 36c. 10 Lbs. $1.50. 25 Lbs. $3.50. 100 Lbs. $12.00.

1013. **Black Valentine Beans.** Matures early, producing long, round, straight, tender pods of blight resisting qualities. Pkt. 10c. Lb. 31c. 2 Lbs. 62. 10 Lbs. $2.80. 25 Lbs. $6.75. 100 Lbs. $25.00.

1002. **New Emerald Beauty Bean.** The Emerald Beauty is a flat, green podded Bush Bean, a prolific and continuous bearer, the first in Spring and the last in Fall. It is absolutely stringless, very tender and delicious flavor. The plant is of remarkably handsome and thrifty growth. The rich, green pods are of immense size, thick, broad, extra long; uniform shape, solid, meaty and of high quality. Market that will accept a flat podded Bean will soon appreciate the surpassing qualities of the Emerald Beauty. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1001. **Bolgiano's New Early "May Queen" Beans.** Pkt. 10c. Lb. 31c. 2 Lbs. 62c. 10 Lbs. $2.80. 25 Lbs. $6.75. 100 Lbs. $25.00.

Bolgiano's New Pearl Wax Beans

We supply Pkts. of all Beans at 5c and 10c each, postpaid

Wax Pod Bush Beans

Parcel Post Rates, see Page 2

1288. **Bolgiano's "Best Yet" Stringless Wax Beans.** (Specialty, see page 6.) Beautiful, lemon-yellow wax pods, without rust or blight. Absolutely stringless. A wonderful yielder. Pkt. 10c. ½ Lb. 20c. Lb. 35c. 2 Lbs. 60c. 10 Lbs. $2.75. 25 Lbs. $6.25. 100 Lbs. $23.00.

1031. **New Pearl Wax Beans.** A distinct, enormously prolific and prodigious growing Bush Wax Bean. Every grower should try it. It will soon become a popular and lucrative variety to grow. Will not rust in the wettest kind of weather. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. $1.90. 25 Lbs. $4 50. 100 Lbs. $16.00.

1183. **"Truckers' Reward," Bolgiano's New Flat Wax Bean.** One of the most valuable and important Bean introductions in many years. Unequaled as an enormous, beautiful crop producer and money maker. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. $1.90. 25 Lbs. $4.50. 100 Lbs. $16.00.

1079. **New Hodson Wax Beans.** A very sturdy grower, prolific; free from rust and blight. Vigorous plants are loaded with long, handsome, straight pods, averaging 7 inches in length; color of a clean, light yellow. When picked young they are stringless. Pkt. 10c. Lb. 21c. 2 Lbs. 42c. 10 Lbs. $1.80. 25 Lbs. $4.25. 100 Lbs. $15.00.

1021. **Round Podded Kidney Wax Bean.** (Brittle Wax.) This handsome wax-podded Bean is an improved Wardwell's Kidney Wax, besides having that popular variety's luxuriant growth, it is entirely stringless. The pods are long, straight and extremely handsome. It is an exceedingly heavy bearer, and is fully as early in maturing as the Wardwell's Kidney Wax, and is of excellent quality. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. $1.90. 25 Lbs. $4.50. 100 Lbs. $16.00.

1024. **New California Rust-Proof Dwarf Wax.** One of the handsomest and most productive flat podded Wax Beans ever grown. The vines are of vigorous growth, leaves dark green, hardy and yield enormous quantities of large, handsome, flat, meaty pods, borne well up from the ground and has not shown any disposition to rust, no matter where grown. It is from eight to ten days earlier than the Valentine. Pkt. 10c. Lb. 21c. 2 Lbs. 42c. 10 Lbs. $1.80. 25 Lbs. $4.25. 100 Lbs. $15.00.

1019. **Currie's Rust-Proof Wax Beans.** Is the earliest to mature of either the Green or Wax Beans. It is ready for market in 25 days from date of planting. Its beautiful, pure golden, long, flat pods of extra fine quality are borne in abundance and attract the admiration of both the planter and the consumer. Entirely free from rust and blight. Pkt. 5c and 10c. Lb. 21c. 2 Lbs. 42c. 10 Lbs. $1.80. 25 Lbs. $4.25. 100 Lbs. $15.00.

1022. **New Davis Kidney Wax.** The King of Flat Wax Beans. A beautiful form, handsome long pods, attractive color, luscious flavor, prolific yielder, rust-proof, excellent shipper, making this Grand Bean a perfect success. Pkts. 5c and 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1020. **Wardwell's Kidney Wax.** Early, long, flat, pure wax pods. It is hardy, both pods and plants are robust and healthy and it is a heavy yielder. It is a remarkable shipper. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. $2.10. 25 Lbs. $5.00. 100 Lbs. $18.00.

1096. **Prolific Dwarf Black Wax.** One of the earliest. Pods 4 to 5 inches in length, usually curved, quite round, meaty, brittle and stringless; deep golden yellow of excellent flavor. Pkt. 10c. Lb. 21c. 2 Lbs. 42c. 10 Lbs. $1.80. 25 Lbs. $4.25. 100 Lbs. $15.00.

1219. **Pencil Pod Black Wax Beans.** Plants of true bush growth, fifteen inches high, extremely productive; magnificent straight pods six to seven inches long, light golden yellow in color, beautifully round, meaty and deeply saddle-backed; flesh brittle, solid and entirely stringless; fine and mild flavor. Pkt. 10c. Lb. 31c. 2 Lbs. 62c. 10 Lbs. $2.80. 25 Lbs. $6.75. 100 Lbs. $25.00.

1026. **Keeney's Rustless Golden Wax.** Early, vigorous and a bountiful yielder of beautiful tender pods. The vine grows 1½ feet high, holding the pods well off the ground. The pods are shapely, flat and large. Lb. 28c. 2 Lbs. 56c. 10 Lbs. $2.50. 25 Lbs. $6.00. 100 Lbs. $22.00.

1283. **Brittle Wax.** Pods round, tender, stringless. Very prolific. Pkt. 10c. Lb. 31c. 2 Lbs. 62c. 10 Lbs. $2.80. 25 Lbs. $6.75. 100 Lbs. $25.00.

1292. **Sure Crop Stringless Wax Beans.** Vines are tall, rather bushy, loaded with delicious, rich yellow beans six to seven inches long. Stringless at all stages of growth. The kind that sell when other varieties will not. Pkt. 10c. Lb. 28c. 2 Lbs. 56c. 10 Lbs $2.50. 25 Lbs. $6.00. 100 Lbs. $22.00.

One Qt. to 150 Hills, 10 to 12 Qts. to the Acre

Bush Lima Beans

Parcel Post Rates, see Page 2

We Supply Packets of Lima Beans at 5c and 10c each

Culture. Selected land that is especially warm, rich and well supplied with vegetable fibre or humus. Plant as soon as the soil has become warm in Spring. Make the rows 2 feet apart and give to each plant 6 inches space in the row. A top dressing of poultry manure, ashes or some good fertilizer or some good compost around the plants will be of much benefit in hastening maturity and increasing the yield.

1035. **Bolgiano's Enormous Early Bush Lima Beans.** This wonderful new Lima is the earliest, largest and best of all Bush Lima Beans. Pkt. 10c. ½ Lb. 25c. Lb. 40c. 2 Lbs. 75c. 10 Lbs. $3.50. 25 Lbs. $8.00. 100 Lbs. $30.00.

1119. **Fordhook Bush Lima, New.** Both pods and Beans are twice the size of Dreer Bush Lima. Pkt. 10c. Lb. 31c. 2 Lbs. 62c. 10 Lbs. $2.80. 25 Lbs. $6.75. 100 Lbs. $25.00.

1058. **Burpee—"Improved" Bush Lima.** Pods and Beans are extremely large. Plant grows more erect than Burpee's Bush Lima and is more productive. Pkt. 10c. Lb. 31c. 2 Lbs. 62c. 10 Lbs. $2.80. 25 Lbs. $6.75. 100 Lbs. $25.00.

1034. **Wood's Prolific Bush Lima.** An "Improved Henderson Bush Lima." Earlier than the Burpee's Bush Lima, but somewhat smaller in size of Bean. Making a larger growth than others; stems are loaded down with Beans in great clusters. Pkt. 10c. Lb. 23c. 2 Lbs. 46c. 10 Lbs. $2.00. 25 Lbs. $4.75. 100 Lbs. $17.00.

1036. **Dreer's New Wonder Bush Lima Beans.** It is a fine strain of neat, dwarf growth, producing pods a week earlier than the regular stock of Burpee's Bush Lima. The plants are productive, the pods and beans are large. Pkt. 10c. Lb. 31c. 2 Lbs. 62c. 10 Lbs. $2.80. 25 Lbs. $6.75. 100 Lbs. $25.00.

1039. **Burpee's "Large" Bush Lima Beans.** Is an immense yielder, each bush bearing from 50 to 200 of the handsome, large pods, well filled with very large beans, which are identical in size and luscious flavor to the well-known large Pole Limas. Pkt. 10c. Lb. 28c. 2 Lbs. 56c. 10 Lbs. $2.50. 25 Lbs. $6.00. 100 Lbs. $22.00.

1037. **Dreer's Bush Lima Beans.** This Bush Bean produces pods in great abundance, 185 having been counted on a single plant. The Beans grow close together, sometimes 5 in a pod and very thick, sweet and succulent. Lb. 35c. 2 Lbs. 70c. 10 Lbs. $3.20. 25 Lbs. $7.75. 100 Lbs. $29.00.

1038. **Henderson's Dwarf Bush Lima Beans.** Producing Beans of smaller size, is very productive and decidedly delicious. Lb. 23c. 2 Lbs. 46c. 10 Lbs. $2.00. 25 Lbs. $4.75. 100 Lbs. $17.00.

1 Qt. to 150 Hills

Pole or Running Beans

10 to 20 Qts. to the Acre

1027. **Lazy Wife or White Pole Cherry Beans.** The pods of medium, dark green color, are produced in great abundance and measure 4½ to 6 inches in length; are broad, thick, very fleshy and entirely stringless. They retain their rich, tender and stringless qualities until nearly ripe. Each pod contains 6 to 8 round, white beans which make excellent Winter Shell Beans. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. $1.90. 25 Lbs. $4 50. 100 Lbs. $16.00.

1025. **Point Market Prolific Pole Beans.** A very productive and delicious Stringless Pole Bean. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. $1.90. 25 Lbs. $4.50. 100 Lbs. $16.00.

1028. **White Creaseback or Best of All.** The best early Stringless Green Podded Pole Bean. Pkt. 10c. Lb. 21c. 2 Lbs. 42c. 10 Lbs. $1.80. 25 Lbs. $4.25. 100 Lbs. $15.00.

1030. **Old Homestead. (Improved Kentucky Wonder.)** Enormously productive; stringless. Lb. 24c. 2 Lbs. 48c. 10 Lbs. $2.10. 25 Lbs. $5.00. 100 Lbs. $18.00.

1220. **Horticultural Pole, Cranberry or Wren's Egg.** This is the popular Pole Cherry Bean, growing for either snapshots or dry shell Beans, especially adapted for short seasons and cool locations. Productive; pods four to five inches in length, one-half inch broad, thick and fleshy. Pkt. 10c. Lb. 21c. 2 Lbs. 42c. 10 Lbs. $1.80. 25 Lbs. $4.25. 100 Lbs. $15.00.

1258. **Red Speckled, Cut Short, or Corn Hill.** An old variety, very popular for planting among Corn. Pkt. 10c. Lb. 21c. 2 Lbs. 42c. 10 Lbs. $1.80. 25 Lbs. $4.25. 100 Lbs. $15.00.

1259. **Dutch Caseknife.** Early, long, green, flat pods, white seed. Pkt. 10c. Lb. 21c. 2 Lbs. 42c. 10 Lbs. $1.80. 25 Lbs. $4.25. 100 Lbs. $15.00.

Burpee's Bush Lima Beans

1 Qt. to 150 Hills, 10 to 12 Qts. to the Acre

Pole Lima Beans

Parcel Post Rates, see Page 2

We supply Packets of Beans at 5c and 10c each, postpaid

1032. **Giant Emerald Isle. Bolgiano's New Pole Lima Bean.** This wonderful Bean is the largest podded and the heaviest cropper of all Limas. It grows green, dries green, stays green. Pkt. 10c. Lb. 31c. 2 Lbs. 62c. 10 Lbs. $2.80. 25 Lbs. $6.75. 100 Lbs. $25.00.

1040. **Early Leviathan Pole Lima Bean.** This sort is at least one week earlier than any large Pole Lima yet offered and fully two weeks earlier than most. Earliness is often obtained at a sacrifice of other features, but in this variety we claim superiority, not only in this respect, but in size of bean and pod and enormous productiveness. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1041. **Dreer's Improved Pole or Challenger Lima.** Outyield any Lima Bean ever offered. Each pod contains from 2 to 6 delicious Beans, so compactly placed that they make indentations in each other. Pods are produced on the vines in great clusters. The yield is continuous and abundant. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1223. **Henderson Ideal Pole Limas.** Very early, wonderfully productive. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1042. **Seibert's Early Lima.** Pods long, thin and easily opened. The green Beans are very large; handsome and delicious quality. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1043. **Jersey Extra Early Lima.** Is 10 days to 2 weeks earlier than any other Pole Lima, except the Leviathan. The beans are exceptionally tender and delicious. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

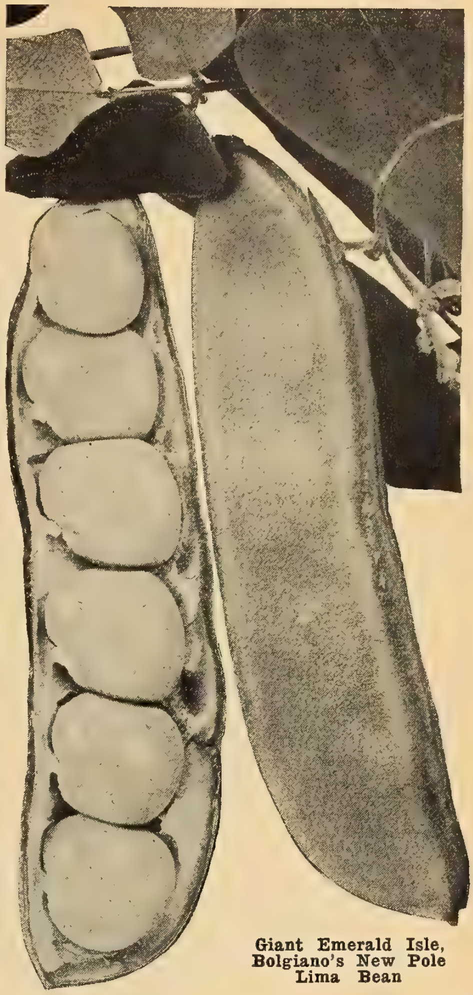
1044. **Carolina or Sieva Beans.** Very early and productive. Lb. 23c. 2 Lbs. 46c. 10 Lbs. $2.00. 25 Lbs. $4.75. 100 Lbs. $17.00.

1046. **Ford's Mammoth Extra Large Lima Beans.** Its pods are large in size, containing from 3 to 8 Beans. They are unsurpassed in quality and productiveness. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1047. **King of Garden Lima Beans.** Outrivals all other Pole Limas. Its vine has a luxurious growth, which abounds with enormous pods, often 5 to 8 inches long, and filled with 5 or 6 perfect Beans to a pod. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1224. **Carpenteria Pole Limas.** One of the longest podded and heaviest croppers of all Limas. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1045. **Extra Large Limas.** Large white Bean; very tender, equally good in Winter if soaked 10 hours before cooking. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.



Giant Emerald Isle, Bolgiano's New Pole Lima Bean

Pkts., Ozs. and ¼ Lbs. Delivered Free

Beet

BETTERATE
Remolacha
Salatrube

Parcel Post Rates, see Page 2

Our Beet is carefully grown from the very best stock seeds in the world. In addition to this, we take out of the ground each Beet and examine it carefully; if the color is not a fine dark red, and is not perfect in shape, and if it is late in maturing, we will destroy it, as we only save our seed from as near perfect roots as it is possible to grow.

Culture. Fibrous loam, well drained and well enriched, will raise good Beet crop. For early table Beets, have drills 16 to 20 inches apart, and sow the seed about 1 inch deep, as early as the ground can be put in good shape, or seed may be sown under glass 4 weeks sooner and the young seedlings transplanted to open ground, to give an extra early crop.

Give thorough and clean cultivation, and thin the plants to stand 3 to 4 inches apart in the row.

For succession, sow at intervals to middle of July. For earliest sowings, a light dressing of nitrate of soda, say 100 pounds per acre, will sometimes work wonders.

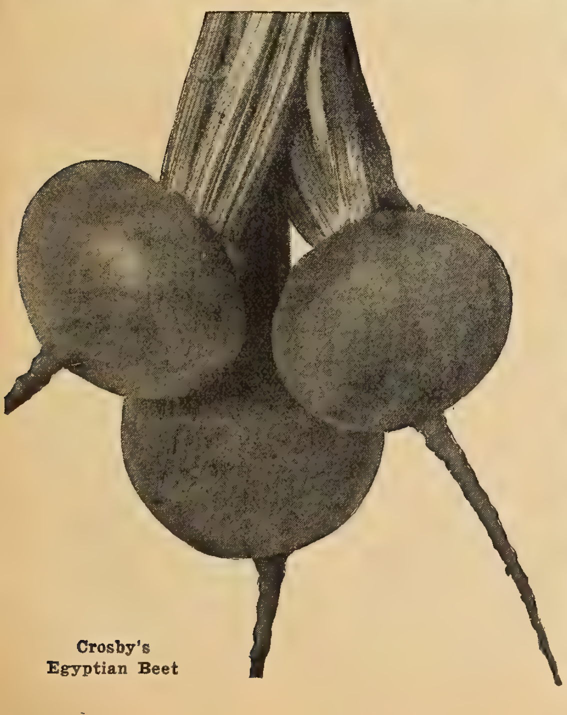
377. **Bolgiano's New Early Spring Beet.** New introduction. (Specialty, see page 8.) First Beet in market. Most perfect shape and color. Earlier maturing than Crosby's Egyptian and of much finer grain. Has very small tap root and small top. All coming into maturity at same time. Well adapted for forcing. Pkt. 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 45c. ½ Lb. 80c. Lb. $1.50.

295. **"Bonfire," Bolgiano's New Early Beet.** A splendid new variety, especially adapted for market gardeners, being suited for forcing under glass and for open ground culture. For home garden this Beet will be found desirable, as it retains its freshness and high quality without becoming tough. Pkts. 5c and 10c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

18. **Bolgiano's Deep Blood Beauty Beet.** The most popular market gardeners' Beet every introduced. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

12. **American Beauty Beet.** The skin and flesh of "**American Beauty**" **Beet** are both a deep rich blood crimson color. It matures just after the Eclipse, has a most beautiful form, being a little deeper than round, medium in size, generally about three inches in diameter, has a remarkable surface and a small tap root. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. Lb. 50c.

115. **Early Model Beet.** This is a fine selection of blood red Beet, extremely smooth and of symmetrical growth, rich color and desirable shape. It makes a rapid growth and matures very early. The shape is nearly round, and color of flesh blood red. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 60c.



Crosby's Egyptian Beet

3. **Early Ox-Blood. 6 Reasons Why We Introduce This New Beet.** 1. It is extra dark blood color from end of its tap root to top of its short graceful leaves. 2. Early as the Crosby Egyptian. 3. Almost globe shape. 4. Small amount of even foliage of deep ox-blood color. 5. Beets are very smooth and free from side rootlets. 6. Flesh fine grained, sweet and of ox-blood color. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 15c. Lb. 40c.

4. **Extra Early Eclipse.** Remarkable for its very rapid growth, the perfection of its form—which is globular—of its beautiful crimson flesh, and for its dwarf foliage. Roots are bright glossy red. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. Lb. 40c.

5. **Crosby's Improved Extra Early Egyptian Beet.** An improvement on Extra Early Egyptian, being as early, but of more desirable shape, color and quality. It is very sweet and tender; a most valuable sort for early market, as it is ready before any other Beet of equal quality. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 40c.

6. **"New Crimson Globe" Beet. This is one of the best Bunching Beets yet introduced.** A handsome variety of medium size, almost globe shape, and entirely free from rootlets; a grand second early or main crop sort. Very handsome in shape. The foliage is small and of a rich bronze purple. Flesh is a righ blood red, slightly zoned or ringed. Never stringy. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 40c.

7. **Detroit Dark Red Beet.** A splendid Beet of a dark red color, for home or market. By far the best for canning, on account of its beauty. Small, upright tops and perfectly small roots. Flesh zoned with lighter and darker bands; tender and sweet. Pkt. 5c. Oz 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 40c.

11. **Extra Early Dark Red Flat Egyptian Beet.** The Egyptian Beet is one of the most popular varieties among market gardeners for forcing purposes. It will bear close planting in the valuable space under glass or in a warm garden in early Spring. It is turnip-shaped, and when young is crisp and tender. In color it is dark red. To gardeners having a preference for Egyptian we offer the best strain of seed now on the market. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 40c.

20. **Early Blood Turnip Beet, New Improved.** It is early, smooth, does not grow overlarge, has few roots. It does not become stringy, matures a medium size, deep crimson Beet of decided uniform type. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 40c.

21. **Edmand's Blood Turnip Beet.** A handsome, clean, turnip-shaped blood Beet. Skin and flesh are of deep blood red, sweet and tender in quality and unsurpassed for solidity and keeping purposes. The roots grow regular and are of right marketable size. Tops are small, allowing them to be grown close together. They mature early and give every satisfaction as a bunching sort. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 40c.

10. **Early Large Egyptian.** None better for an early general crop than the early Egyptian; handsome shape and does not crack open. This crop commands a good market all the season. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 40c.

Pkts., Oz. and ¼ Lbs. Delivered Free

Beets—Continued

Parcel Post Rates, see Page 2

13. **Lentz Extra Early Beet.** Color a deep, blood red, tender and sweet at all stages of its growth Has small top and can be used six weeks from sowing. Very productive, splendid keeper and shipper. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 40c.

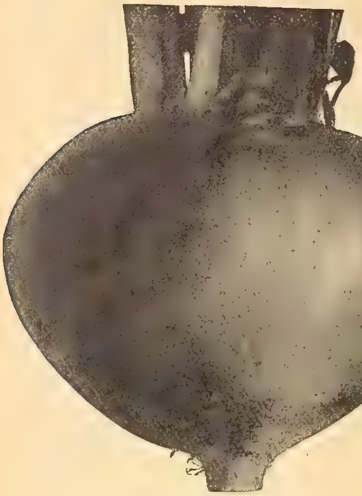
358. **Nutting's Early Gem Beet.** Extremely early, light colored top, flesh beautifully zoned light red. Very popular as a Florida Shipping Beet. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 45c.

571. **Half Long Dark Blood.** This is rapidly becoming a very popular sort and will probably produce more bushels from a given area than any other sort, as it does not occupy so much space in the rows as the turnip-shaped varieties. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. Lb. 40c.

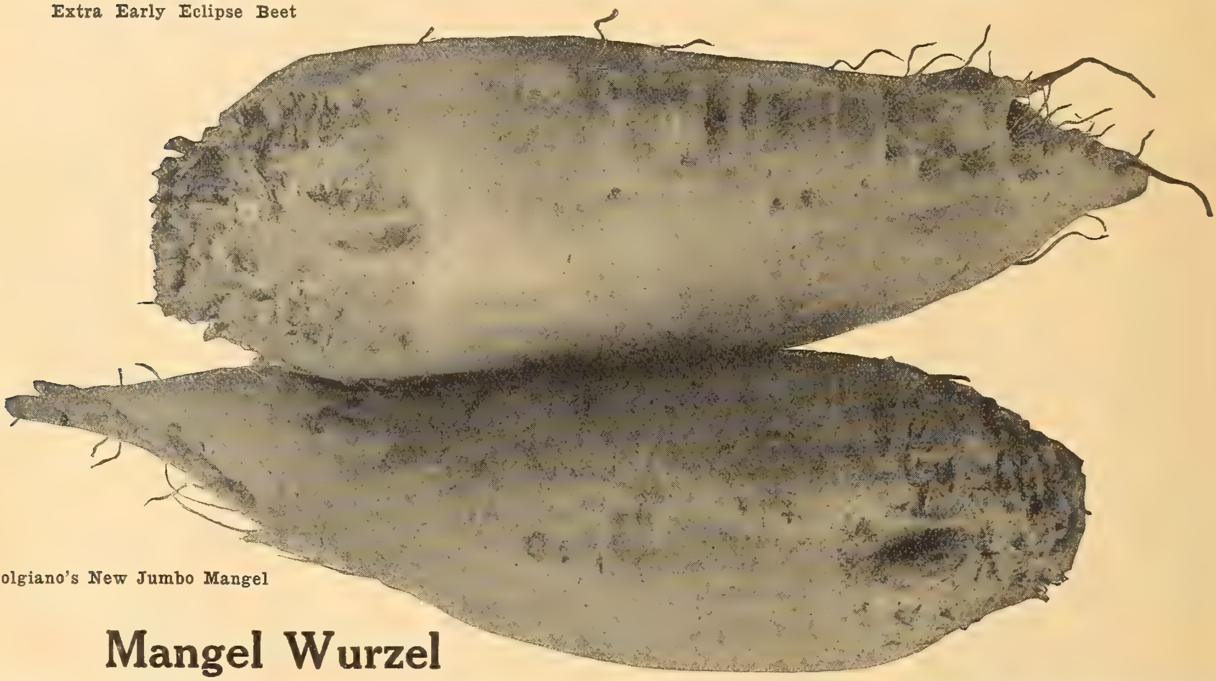
15. **Long Smooth Blood Beet.** An old time favorite in the South. Has long, smooth, blood-red roots, going well down into the soil, enabling it to resist drought and heat. Flesh very tender and sweet. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. Lb. 40c.

165. **Lucullus. The New Swiss Chard or Spinach Beet,** but can be served both as Asparagus and as Spinach. Delicious. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

341. **Swiss Chard or Silver Beet.** Grown exclusively for the foliage, which cooked makes most delicious greens. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.



Extra Early Eclipse Beet



Bolgiano's New Jumbo Mangel

Mangel Wurzel

Culture. Sow 5 pounds to the acre in April or June, in rows 3 feet apart, and thin to 9 inches in the row. Cultivate frequently with horse tools and you will have an abundant crop of roots for Winter use.

1217. **Bolgiano's Sludstrup.** This wonderful Mangel has repeatedly been awarded first prize as containing the largest percentage of dry matter. Root is smooth, 14 inches long, rich orange color, flesh pure white. About one-half of the root grows above the ground. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 30c.

1151. **New Jumbo Mangel.** For milch cows and cattle generally the New Jumbo Mangel has no equal. It is a milk producer of the highest quality and at the same time keeps the cattle over Winter in prime condition. It will outyield any other Mangel two to one. It is easy to grow, producing immense roots in great quantities, thus yielding a most profitable crop. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 35c. 5 Lbs. at 30c Lb.

1152. **Gate Post Mangel.** The name indicates the immense size of this fine flavored Mangel. Among the Yellow Mangel it stands supreme. The milk it produces when fed to cows is of the richest character. As one experienced farmer put it: "The Gate Post Mangel is a butter and milk producer of first merit." If you want the best Yellow Mangel you ever grew, buy Bolgiano's Gate Post Mangel. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 15c. Lb. 35c. 5 Lbs. at 30c Lb.

1153. **Giant Mammoth Long Red Mangel.** Our stock is a great improvement on the old variety. The roots are very large, uniformly straight and well formed. Color deep red, roots solid, tops small. Roots attain a large size. We received several reports last season of Mangels weighing 20 to 23 pounds each. Produces an immense bulk and tonnage. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 15c. Lb. 35c. 5 Lbs. at 30c Lb. 10 Lbs. at 25c Lb.

1154. **Improved Golden Tankard Mangel.** We have for years insisted that this was the best Mangel grown, and each season strengthens us in the position we took when it was a comparatively unknown sort. We recommend it as the best Mangel by far for dairy farmers. It combines apparently all the fine points possible to condense into a Mangel. The color is a deep, rich yellow. The flesh is firm and solid and a rich, golden yellow in color. On account of its shape enormous crops are grown, and it is easily lifted from the ground. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 15c. Lb. 35c. 5 Lbs. at 30c Lb. 10 Lbs. at 25c Lb.

359. **Golden Giant Intermediate.** Root intermediate between the long and the globe-shaped. Flesh white, firm and sweet, much liked by cattle. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 15c. Lb. 35c. 5 Lbs. at 30c Lb. 10 Lbs. at 25c Lb.

Sugar Beets

For Stock Feeding

Culture. Sow and cultivate same as Mangel, except that they should be thinned out 6 to 8 inches in the row.

1155. **Giant Feeding Sugar Beet or Half Sugar Mangel.** This magnificent Sugar Beet, while giving nearly as large a yield of easily grown and harvested roots as a crop of Mangels, supplies a food of very much higher nutritive value, the roots for feeding purposes being really more valuable, pound for pound, than those of the very best strains of Sugar Beet, and the yield under equally favorable conditions being more than double. The roots grow partly out of the ground, and because of this and their shape, the crop can be harvested and stored at less expense than any other root crop. Every farmer should try it. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 15c. Lb. 35c. 5 Lbs. at 30c Lb. 10 Lbs. at 25c Lb.

1204. **Klein-Wanzle Bener Elite.** This variety at the present time has probably a wider cultivation than any other Sugar Beet. It may be distinguished by its brighter color and its lighter colored leaves, which are beautifully undulating, and scalloped around the edges; while not as a rule equal to the Vilmorin in saccharine richness, it is considerably more productive. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 15c. Lb. 35c. 5 Lbs. at 30c Lb. 10 Lbs. at 25c Lb.

360. **Lane's Improved Sugar.** An American variety and the best stock-feeding Beet known. It is not so sweet as the French Sugar Beets grown especially for sugar making, but the roots are longer and finer grained; very sweet. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 15c. Lb. 35c. 5 Lbs. at 30c Lb. 10 Lbs. at 25c Lb.

We Pay Postage on Pkts., Ozs. and ¼ Lbs.

Cabbage

Parcel Post Rates, See Page 2

French	*German*	*Italian*	*Spanish*
CHOU POMME	KOPFKOHL, KRAUT	CAVOLO CAPPUCCIO	COL REPELLO

Culture

Early Cabbage requires a rich, warm, loam soil, well drained; and the soil for the late Cabbage should be heavier and more retentive of moisture and not so rich as for early crops, as the heads are liable to burst.

To have Cabbage real early, sow seed in hotbed in February, or still better, Winter over the crops in a cold frame. For this purpose the seed is sown from the tenth to the twentieth of September. In four or five weeks from the time of sowing they will be fit to transplant into the cold frames. It is very important that the plants be set down to the first leaves so that the stem is all under the ground, otherwise the stem would split by the action of the frost.

These early Cabbage plants are set out in March or April, in rows two feet apart and 18 inches between the plants. The early crop matures in June. For second early crop, sow seed first week in April and plant out in May. The crop matures in July and August. Late Cabbage for Fall and Winter use, sow seed in May to June. The plants are set in July, at a distance of three feet between the rows and two feet between the plants. This crop matures in October. Cabbage should not be planted two years in succession in the same spot of the garden. One ounce of seed will produce 3,000 plants

Extra Early Cabbage

25. **"Big Winner" Wakefield.** No other Cabbage of which we have knowledge has aroused such enthusiasm among Cabbage growers as has our "Big Winner" Wakefield. It has the same general characteristics of other Wakefield Cabbages, the heads being conical with a rounded or blunt point. It is, however, far superior to other strains of Wakefield Cabbage, being nearly double the size and better quality, and at the same time is fully as early. It has few outer leaves, permitting close planting, so that more heads can be grown to the acre than with other sorts. Large Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c. 2 Ozs. 45c. ¼ Lb. 75c. Lb. $2.50.

26. **New Leader.** As early as the Wakefield, yields 12,000 heads, one-third more per acre than any other extra early Cabbage. The outer leaves are so few and so small that they can be planted very close. The heads are compact and solid from the time a head is formed and keeps so until thoroughly matured, thus enabling extremely early cutting of small, hard heads, or later when the Wakefield comes in, of large, thoroughly matured, solid, round, flat heads. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c. 2 Ozs. 45c. ¼ Lb. 75c. ½ Lb. $1.35. Lb. $2.50.

27. **Extra Early Express.** This, the earliest of all Cabbage, has produced marketable heads in 80 days from the sowing of the seed. It can be planted close and yields large, early, paying crops. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 20c. 2 Ozs. 35c. ¼ Lb. 60c. ½ Lb. $1.10. Lb. $2.00.

Bolgiano's Selected Jersey Wakefield Cabbage

The Charleston, or Large Wakefield Cabbage

28. **Extra Early Jersey Wakefield. American Grown.** An excellent, early sort. Heads formed like a Wakefield, but ten days earlier; habit vigorous, short stem and most profitable to grow. Pkts. 5c and 10c. Oz. 20c. 2 Oz. 35c. ¼ Lb. 60c. Lb. $2.00.

373. **Enkhuizen Glory.** Is a valuable, early variety. It produces fine, marketable heads and is a splendid sort for the private garden and market gardener who grows for high-class trade. The heads are very solid with but few outer leaves and of such compact growth to permit close planting. The quality is excellent. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 20c. 2 Ozs. 35c. ¼ Lb. 60c. ½ Lb. $1.10. Lb. $2.00.

29. **Extra Early Pilot Cabbage. American Grown.** Three weeks earlier than the Jersey Wakefield. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. Lb. $2.00.

30. **Early Jersey Wakefield Cabbage. Bolgiano's Selected Stock. True Type.** The most popular early Cabbage with market gardeners all over the country. It is grown in vast quantities for shipment to Northern cities. Unequaled for size, solidity, earliness, uniformity and trueness, is the universal verdict of Cabbage growers. Our Stock of Wakefield is the earliest in cultivation. Every Cabbage grower should use our Wakefield. Our seed is ordered by large Cabbage growers long in advance of the time of sowing seed in order to secure our fine stock, which has never failed to produce satisfactory crops. Our seed is used in all the States where early Cabbage is grown. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 20c. 2 Ozs. 35c. ¼ Lb. 60c. Lb. $2.00.

32. **The Charleston, or Large Wakefield. The Best Large, Early Cabbage.** This Cabbage has created a sensation with the Cabbage growers all over the country on account of the decided advantage it has over all other sorts. It can be the FIRST variety SENT TO MARKET, and on account of its handsome appearance will invariably bring the tip-top prices. If, however, the early market prices are low, it can be safely left standing in the field to mature to an extra large, compact, solid, magnificent Cabbage, which has never failed to attract the admiration of the most skilled gardeners, and always brings better prices than any other sort harvested at the same time. Our stock is thoroughly reliable. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. Lb. $2.00.

33. **Early Large York.** This is a very valuable, early variety and follows the Express and Jersey Wakefield in heading. The heads are round, heart-shaped and firm. Its dwarf growth will permit them being planted closely together. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. ½ Lb. $1.10. Lb. $2.00.

34. **Early Winnigstadt—The Prussian Prize Stock.** The popularity of Winnigstadt Cabbage in all sections of the world is proverbial, but there is a great difference in the quality of the stocks. Some will produce heads of twice the size of others; the finest is grown in Northern Prussia. It is from this section that our famous stock was introduced a few years ago. It has become very popular with our market gardeners. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. ½ Lb. $1.10. Lb. $2.00.

Bolgiano's "Ringleader" Large, Late, Flat Dutch Cabbage

Cabbage

Second Early Varieties

154. **Bolgiano's Early "Square Deal" Cabbage.** The Best on Earth. (Specialty, see page 6.) The heads are solid and compact with very few outer leaves. For a fine, solid, tender, uniform, early, flat Cabbage, Bolgiano's "New Square Deal" Cabbage challenges the world. The demand for a Cabbage of this character led us, by the most rigid and careful selection during the past five years, to mature this Cabbage, which we are confident will give all our friends and customers a "Square Deal" every time. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c. 2 Ozs. 45c. ¼ Lb. 75c. ½ Lb. 1.35. Lb. $2.50.

35. **Bolgiano's "New Early" Cabbage.** It forms solid, compact, round, flat heads, the leaves growing close to the head, thus allowing more Cabbage to be grown to the acre than any other sort. Its earliness (a week before other early, flat varieties) is one of its best marketable features. Pkts. 5c and 10c. Oz. 25c. ¼ Lb. 75c. Lb. $2.50.

36. **Florida Header Cabbage.** In color, shape and size the heads are most uniform. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. Lb. $2.00.

37. **All Head Early Cabbage.** For uniformity, reliability of heading, size, earliness and quality it is very superior. Its heads grow compact and free from spreading leaves. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. Lb. $2.00.

148. **Brunswick, Fottler's Cabbage.** In this vicinity the Brunswick is considered second to none by the market gardeners. Plants are very short stemmed. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. Lb. $2.00.

38. **Henderson's Early Summer Cabbage.** In size, form, solidity and earliness this is truly a model Cabbage. It heads just after our Jersey Wakefield. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. Lb. $2.00.

39. **Long Island, Early, Flat Dutch Cabbage.** The heads are large and solid and mature very early—just after the select Jersey Wakefield. In every respect it is a Cabbage worthy of cultivation. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. Lb. $2.00.

40. **Early, Short Stem, Drumhead Cabbage Seed.** It is ready for marketing 2 or 3 weeks earlier than the late Drumhead, forms large, solid, rounded heads. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. ½ Lb. $1.10. Lb. $2.00.

41. **Henderson's Early Succession Cabbage.** A wonderful Cabbage for solidity, productiveness and fine, large heads. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. Lb. $2.00.

42. **Sure Head Cabbage.** (Pedigree Stock.) True American grown. Produces large, round, flattened heads that are all head. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. Lb. $2.00.

542. **Solid South.** This is one of the purest and truest Cabbages ever bred. Produces very large, shapely, solid heads. An excellent shipper. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 20c. ¼ Lb. 60c. ½ Lb. $1.00. Lb. $2.00.

53. **BOLGIANO'S PERFECTION DRUMHEAD SAVOY CABBAGE.** Surpasses all varieties of Savoy Cabbage for uniformity of heads, beauty of curl and superior keeping qualities. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. Lb. $2.00.

49. **Mammoth Red Dutch.** Is the largest Red Cabbage, and heads very solid and is deep red in color to the very center. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 20c. 2 Ozs. 35c. ¼ Lb. 60c. ½ Lb. $1.10. Lb. $2.00.

375. **Volga.** One of the earliest, main crop Cabbage of superior quality. Round head, short stem. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. Lb. $2 00.

374. **All Seasons.** An "all-season" variety, equally good for Fall and Winter as for Summer use. The heads are large, solid, round, flattened on top and of the best quality. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. Lb. $2.00.

266. **"Copenhagen Market," New Early Danish Cabbage.** As early as Charleston Wakefield. This new Cabbage is very heavy and solid, makes a fine, large, globe-shaped head with well-developed outside leaves. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 20c. 2 Ozs. 35c. ¼ Lb. 60c. Lb. $2.00.

Late or Winter Cabbage

96. **Bolgiano's "Ringleader" Large, Late, Flat Dutch Cabbage.** Will always produce heads of enormous size and of the very finest quality. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c. 2 Ozs. 45c. ¼ Lb. 75c. ½ Lb. $1.35. Lb. $2.50.

43. **Bolgiano's Extra Large, Late, Flat Dutch; Market Gardener's Choicest Stock.** Can be planted later than the oldtime varieties and matures more quickly into a handsome, EXTRA LARGE, solid, uniform Cabbage of perfect keeping qualities. Extra Flat Dutch. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. ½ Lb. $1.10. Lb. $2.00.

50. **Louisville Drumhead. (Best of all Drumhead Cabbage.)** There is no Cabbage of the Drumhead type which can be compared with this beautiful representative in shape, color, firmness and excellent table qualities. Drought has little effect upon it on account of the low habit of growth. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. ½ Lb. $1.10. Lb. $2.00.

372. **Pe-Tsai Chinese or Celery Cabbage.** Improved Chinese Cabbage. This vegetable is new to the public although old to the Horticulturists. Plant in July. Sow in drills 16 to 20 inches apart and the seedlings thinned two or three times. Pkts. 5c and 10c. Oz. 35c. 2 Ozs. 60c. ¼ Lb. $1.10. ½ Lb. $2.00. Lb. $3.75.

45. **The Lupton Cabbage.** Is a splendid late sort, heading after the second early sorts, and sooner than the Late Flat Dutch. It is particularly uniform in shape and size. Pkts. 5c and 10c. Oz. 25c. ¼ Lb. 65c. Lb. $2.25.

46. **Premium Flat Dutch.** It has long been the favorite sort for cold slaw and sauerkraut. It matures just before severe frost and keeps perfectly over Winter. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. Lb. $2.00.

47. **Large, Late, Drumhead Cabbage.** This splendid Cabbage produces enormous heads. Its good keeping quality makes it a first-class sort to carry over Winter. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. ½ Lb. $1.10. Lb. $2.00.

44. **Boss Flat Dutch Cabbage.** The heads are large, hard, thick and flat, the leaves lapping across the center. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. ½ Lb. $1.10. Lb. $2.00.

52. **Henderson's Autumn King Cabbage.** It is often from 3 to 3½ feet in circumference, and weighs from 25 to 30 pounds each. Interior crisp. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. ½ Lb. $1.10. Lb. $2.00.

48. **Danish Ball Head Cabbage.** This is the most excellent Cabbage. is very solid and outweighs any other Cabbage of equal size. The head is round with flattened top. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. Lb. $2.00.

Brussels Sprouts

Culture. Sow in May, in the same manner as Cauliflower, and transplant in July. 1 foot apart in rows 1½ feet apart. Brussels Sprouts is the very best Winter vegetable that can be grown. It is as hardy as the common Curled Greens. When cooked through, such sprouts melt in the mouth like the tenderest Cauliflower, and are equally as good.

22. **Bolgiano's Matchless, Long Island, Improved Brussels Sprouts.** Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 40c. ½ Lb. 70c. Lb. $1.25.

355. **Paris, Half Dwarf, Brussels Sprouts.** Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 40c. ½ Lb. 70c. Lb. $1.25.

Collards

23. **Georgia Southern, or Creole.** Forms a large, loose, open head. or a mass of leaves on a tall stem. Freezing does not injure, but rather improves their quality. Sow thick in drills, in rich ground, transplanting when 4 inches high, or sow in drills where the plants are to remain and thin to 2 or 3 feet apart in the row when of proper size. In the South, sow from January to May, and August to October. Pkts. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

Cauliflower

French CHOU-FLEUR	*German* BLUMEN KOHL
Italian CAVOLO FLORE	*Spanish* COLIFLOR

Culture

The soil and culture requirements of Cauliflower and Cabbage are similar. Seed may be sown and handled in the same way as described in the Cabbage culture. It is best to plan your planting to have no Cauliflower maturing in the hot summer months, as the cool weather of late Spring and early Fall is best adapted for the growing of perfect heads.

We Pay Postage on Pkts., Ozs. and ¼ Lbs. Only. Parcel Post Rates, See Page 2

New Century Cauliflower

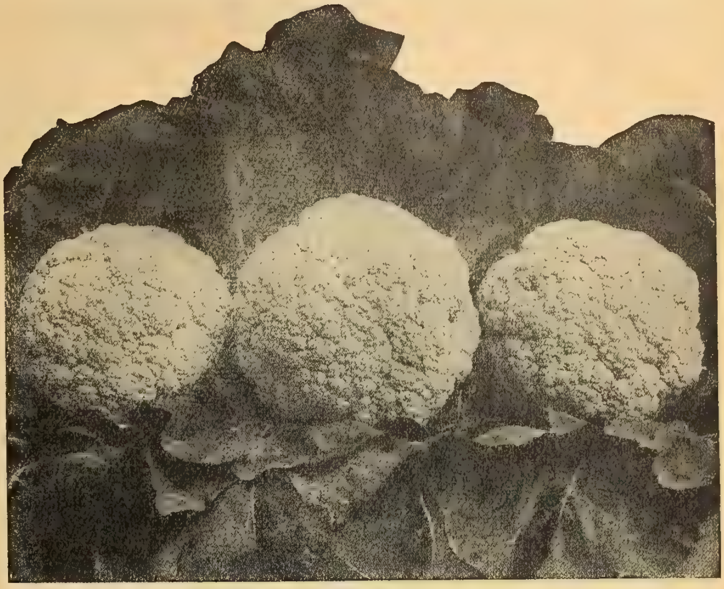
54. The Best in the World

1. It heads when others fail. 2. Large, perfect heads, measure from 12 to 14 inches in diameter. 3. The beautiful white heads are compact, deep and solid. 4. Heads will outweigh those of any other strain. 5. It is the earliest of all Cauliflower. 6. One-third more can be planted on the same space than can be done with other varieties because of its close growing, compact habit. 7. It is the Most Carefully Grown Cauliflower Seed in the World. 8. The best is the cheapest, receiving the care and attention which is absolutely necessary for the growing of this Special Stock. We cannot sell it for less than: Pkts. 10c, 15c and 25c. ½ Oz. 75c. 1 Oz. $1.50. ¼ Lb. $5.50. ½ Lb. $10.50. Per Lb. $20.00.

59. **Erfurt Extra Early Dwarf.** Extra Selected First Quality. Pkts. 10c and 25c. ½ Oz. 70c. Oz. $1.25. 2 Ozs. $2.25. ¼ Lb. $4.15. ½ Lb. $8.00. Lb. $15.00.

105. **Danish Giant or New Dry Weather Cauliflower.** Will produce splendid crops in very dry locations. Pkts. 10c, 15c and 25c. ½ Oz. 75c. Oz. $1.40. ¼ Lb. $5.00. ½ Lb. $9.50. Lb. $18.00.

57. **Veitches Autumn Giant.** Pkts. 5c and 10c. ½ Oz. 15c. Oz. 30c. ¼ Lb. 85c. Lb. $3.00.



Bolgiano's New Century Cauliflower

55. **Snow Ball Earliest Cauliflower.** Our Snow Ball Cauliflower is the earliest, most hardy, and in fact the Cauliflower that you can plant and expect a crop of true, firm, snow-white heads. You cannot get better Snow Ball Cauliflower Seed no matter what price you pay. There is but one stock of Cauliflower that is better, and that is Bolgiano's New Century Cauliflower. Many of the beautiful shapely heads measure from 10 to 12 inches in diameter. Our Cauliflower seed is saved from absolutely perfect plants and is grown by the most experienced and critical growers in localities best suited for perfect development. Best for forcing; best for Wintering over early crop. Every plant will produce a fine head. Pkts. 10c and 25c. ½ Oz. 70c. Oz. $1.25. 2 Ozs. $2.25. ¼ Lb. $4.15. ½ Lb. $8.00. Lb. $15.00.

One ounce will sow 100 feet of drill, 3 or 4 pounds for an acre

Carrots

MOHRE
Carotte
Zanahoria

Culture. Carrots do best in warm, deep, rather light and fairly fertile soil that is well supplied with humus, or on strong loam, having been in clover and broken the year before. For earliest crop, sow seed of the early, short-rooted sorts in April or May, in drills a foot apart and thin to 2 inches. For main crop, sow in May or June or for succession even in July, using the long rooted varieties. The rows for these may be 16 to 20 inches apart, and the plants thinned to 2, 3 or even 4 inches.

91. **New King Carrot.** The greatest Carrot introduced in the last 10 years. Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c. Postpaid.

60. **Scarlet Beauty Carrot.** 1. A handsome and prolific Carrot. 2. Rich deep scarlet in color. 3. In length, between long and half-orange. 4. Very straight roots. 5. Very little foilage for size of roots. 6. Delicious flavor. 7. Heavy yielder. 8. Uniform in size. 9. Often 2½ to 3 inches at the top and 10 to 12 inches long. Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c. Postpaid.

64. **Pride of the Market Carrot.** Has led all Half-Long Carrots for 10 years. Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c. Postpaid.

63. **Early Ox-Heart Carrot.** So very early, so shapely, so tender, and of such a fine, bright, scarlet color. Not only is extreme earliness a characteristic of our Ox-Heart Carrot, but its exceptionally fine quality, being almost entirely without core. Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

Early Ox-Heart Carrot

14. **Early Sunbeam.** Bolgiano's New, Extremely Early Carrot. This beautiful, delicious, exceptionally early forcing Carrot comes at the time of the year when new vegetables are most appreciated and enjoyed. Be sure to plant some. Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 25c. ½ Lb. 40. Lb. 75c.

61. **Half-Long Orange Carrot.** The skin is clear, bright in color and the flesh is close in texture, of very fine grain, with very small core. For bunching the handsome appearance is a marked advantage. Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

62. **Improved Long Orange Carrot.** Uniformly a deep orange color, growing a long, smooth, symmetrical Carrot. Remarkable for the absence of the detractive side roots and divisions at the point. Tremendous yielder and of a rich, sweet flavor; will retain its delicious flavor all Winter. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c

65. **St. Valery, Long Red.** Color, orange-red. Roots large and handsome, intermediate in shape between Danvers and Long Orange. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

66. **Early Scarlet Horn.** A very popular sort; quick growing; deep orange in color; blunt rooted; six to eight inches in length. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

67. **Danvers Half Long.** One of the heaviest croppers, roots dark orange color; eight to ten inches in length, thick and ending in a somewhat abrupt point. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

68. **Chantenay or Model.** Early, scarlet color, stump rooted, broad, thick shoulder, heavy cropper. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

69. **Nantes, Half Long, Stump Rooted.** Roots 8 or 10 inches in length, thick shoulder, deep orange and good cropper. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

570. **James' Intermediate Scarlet.** Roots similar in shape and size to Danver Pointed; color, scarlet; nearly coreless. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

361. **Large, White Belgian Carrot.** Produces large roots four inches in diameter at the top and 10 inches in length. It has a white skin and flesh. These Carrots are grown for feeding stock during Winter; they keep stock in fine condition. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

Pride of the Market Carrot

We Pay Postage on Pkts.,
Ozs. and ¼ Lbs. Only
Parcel Post Rates,
See Page 2

CELERY

Culture. One ounce will produce about twenty-five hundred plants and sow about two hundred feet of row. Sow the last of March or early in April, in an open border, in rich, mellow ground in shallow drills, watering freely in dry weather. By rolling or pressing in the seed, the result will be more satisfactory than when only covered. Cut the tops off once or twice before planting out, to make them stocky. When the plants are 5 or 6 inches high, transplant the dwarf varieties 3 feet and the taller sort 4 feet between the rows; plant 6 inches apart in the rows. Cultivate well and when large enough, blanch by earthing up. The first operation is that of "handling," generally done by the beginning of September. After the soil has been drawn up with the hoe, it is drawn around each plant by hand to keep the leaves firm in upright position and prevent spreading. When plants have become "set" in an upright position and the Celery is wanted for early use, they should be "banked." This is done by throwing the soil up as close to the plants as possible with a plow and finishing it with a spade, bringing the earth nearly up to the tops of the plants. The method employed now for protecting it is by covering the tops of the banks with waterproof felt paper.

71 Bolgiano's French Golden Self-Blanching Celery

Won the Blue Ribbon at the South Florida Fair, Held at Tampa

Bolgiano's French Grown Golden Self-Blanching Celery is of the most Superb Quality. Its crispness and tenderness and its delightfully rich, nutty, appetizing flavor makes it the leading variety in any market. The stalks are large, solid and a beautiful, rich, golden yellow, entirely free from stringiness. It is an excellent keeper, stands shipment better than any other sort and brings the highest market prices. It is a vigorous dwarf grower, compact in growth and self-blanching to a very remarkable degree; even the ribs become a handsome, fresh, clean, yellow color, with a heart that is large and solid and of a beautiful, rich, golden yellow color. It is quite early and easy to cultivate. In the home garden it produces golden yellow stalks very early, which are crisp, tender and nutty in flavor. It will keep in good condition until Christmas or New Year's. Our stock of this most wonderful Celery cannot be surpassed. It is grown especially for us by the originator in France. While it would pay you handsomely to plant your entire acreage in this stock of Celery, you cannot afford not to give it a trial. On account of the war conditions in France, stock is limited, and we ask you to let us have your order at once in order for you to be sure of securing this most valuable stock. Pkt. 10c. ½ Oz. 20c. Oz. 35c. ¼ Lb. $1.15. ½ Lb. $2.15. Lb. $4.00. Postpaid.

Bolgiano's Originator's Stock
French Grown Golden Self-Blanching Celery

Bolgiano's "New Victory" Celery

The Most Solid and Most Profitable Winter Celery

81. Our French Grown "New Victory" Celery is the Best Winter Celery on Earth. It has a great amount of heart, is heavier, stouter and thicker than many of its rivals. It is the most economical Celery yet introduced, every particle being solid, crisp and of a delicious flavor. Its beautiful, large, golden heart and compact growth make an ornament hard to surpass. It is a remarkable keeper, maintaining its firmness as late as May. Critical market gardeners pronounce it to be the finest quality, best keeper and most salable Celery they have ever raised. It is ready for market by December. Pkt. 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 40c. ½ Lb. 70c. Lb. $1.25.

455. **Bolgiano's "Easy Blanching" Celery.** Excels all other varieties in earliness, in quick blanching, in flavor and in tenderness. Every stalk solid, does not get pethy. Pkt. 10c. ½ Oz. 30c. Oz. 55c. ¼ Lb. $1.65. ½ Lb. $3.15. Lb. $6.00.

73. **Giant Pascal Celery.** This is a large, solid, excellent sort. It blanches very quickly to a beuatiful yellowish-white color, is very solid and crisp, and a fine nutty flavor. Stalks grow broad and thick. Pkt. 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 30c. ½ Lb. 55c. Lb. $1.00.

72. **Perfected White Plume Celery.** Is the most extensively used on account of its extreme earliness. Its stalks and portions of its inner leaves and heart are white naturally, by simply tying the plant together, or by drawing the soil firmly against the plant. Pkt. 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 30c. ½ Lb. 55. Lb. $1.00.

75. **New Winter Queen Celery. (Pedigree Stock.)** A good keeper and beautiful in appearance. Ribs perfectly solid, crisp and of a delicious, nutty flavor. Pkt. 10c. Oz. 15c. ¼ Lb. 45c. ½ Lb. 80c. Lb. $1.50.

74. **Dwarf Golden Heart Celery.** Is crisp, solid, handsome and most excellent flavor, with a beautiful Golden Heart. Pkt. 10c. Oz. 15c. ¼ Lb. 30c. Lb. $1.00.

78. **Giant Golden Heart Celery.** A gardener found in his Dwarf Golden Heart a few plants of larger growth. A careful selection made for many years resulted in the Golden Giant Heart, which excels for larger size, solidity and keeping quality. Pkt. 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 30c. ½ Lb. 55c. Lb. $1.00.

Celery Seed for Flavoring (Soup Celery). Pkt. 5c. Oz. 10c. ¼ Lb. 15c. Lb. 35c.

Celeriac, or Turnip-Rooted Celery

139. **Giant French Celeriac.** There is not a single item of interest in the growing and developing of seeds that we pass by without most thoroughly investigating and testing to see if there is something of value to our customers. To prove our watchfulness, we are here introducing the Giant French Celeriac. Many thought the Celeriac which the Market Gardeners have had for years was good enough, but we are always on the alert for something better and are rewarded for our pains by being able to offer this splendid Celeriac. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 30c. Lb. $1.00.

83. **Large, Smooth Prague Celeriac.** A large Celery flavored root used extensively for flavoring soups, pickles, etc.; also relished sliced as a salad with pepper and vinegar. It is also used to flavor chicken and potato salad. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 30c. ½ Lb. 55c. Lb. $1.00.

Sweet or Sugar Corn

French	*German*	*Italian*	*Spanish*
MAIS	MAIS	MAIS	MAIZ

We Supply 5c and 10c Pkts. of All Sugar Corn Postpaid

Prices on Sugar Corn are Parcel Post, Freight or Express Charges Not Paid
Parcel Post Rates, see Page 2

Culture

Seed of the sweetest varieties is liable to rot if planted in wet or cold ground. Yet if we have an early warm spell in Spring, it may pay you to take some risks. Often the plants, when once up will escape injury by a belated light frost. Plant in warm soil 5 to 6 kernels to a hill, making the rows 3 feet apart for the dwarf or early sorts, and 4 feet apart for the taller late sorts. Hills to be 2 to 3 feet apart in the rows, thin out to 3 plants in a hill. Always remove the young suckers attached to the larger plants, and permit no weeds to grow. Planting should be made once a week, from the moment the ground is warm enough until about July 15th, using the early varieties for the first three plantings. Quantity required, one quart for 200 hills, 8 quarts per acre.

Extra Early

1290. **Bolgiano's Extra Early Harvester Sugar Corn. New 1920 Creation.** (Specialty, see page 4.) The best extra early white Sugar Corn that has ever been placed on the market. Earlier than the Golden Bantam, much sweeter, larger ears and very prolific. Lb. 15c. 2 Lbs. 30c. 10 Lbs. $1.30. 25 Lbs. $2.75. 100 Lbs. $10.00.

1051. **Double XX Extra Early Adams' Sweet Corn.** Two weeks earlier than Extra Early Adams', large ears completely filled with 10 to 14 straight rows of snowy white deep grains. Lb. 15c. 2 Lbs. 30c. 10 Lbs. $1.00. 25 Lbs. $2.25. 100 Lbs. $8.00.

1052. **Adams' Extra Early.** A splendid early variety, largely grown for early market. Lb. 12c. 2 Lbs. 24c. 10 Lbs. 90c. 25 Lbs. $2.15. 100 Lbs. $7.50.

1053. **Second Early Adams'.** Ears are larger and later than Adams' Extra Early. Lb. 12c. 2 Lbs. 24c. 10 Lbs. 90c. 25 Lbs. $2.15. 100 Lbs. $7.50.

1050. **Gillespie's First Early Patapsco Neck Corn.** The very First Good Size Corn that can be brought to market. It is so hardy that it can readily be planted as soon as the ground is in good working order, and will, from the day of its germination, hurry forward to meet the early demand for fresh Corn, which is always very keen and causes this delicious, attractive and superior Corn to bring profitable prices. Lb. 12c. 2 Lbs. 24c. 10 Lbs. 90c. 25 Lbs. $2.15. 100 Lbs. $7.50.

1136. **California Golden Country Gentleman Corn.** This is a wonderful combination of the "Cream and Honey" Sugar Corn and the well-known "Country Gentleman" Sugar Corn. Could you possibly think of anything more delicious than the good points of these two Corns combined into one? Don't take chances of forgetting it—send in your order today certain. Lb. 15c. 2 Lbs. 30c. 10 Lbs. $1.30. 25 Lbs. $2.75. 100 Lbs. $10.00.

1182. **Bolgiano's New "Cream and Honey" Sweet Corn.** Extremely early, most delicious flavor, exceptionally fine quality. Should be tried by every wide-awake market gardener and in home garden, where the "best" of everything is enjoyed. Lb. 25c. 2 Lbs. 40c. 10 Lbs. $1.75. 25 Lbs. $3.75. 100 Lbs. $12.00.

1005. **Early "Butter-Nut" Sugar Corn.** New Variety, follows "Cream and Honey" Sugar Corn by four to seven days. Ears 7 to 9 inches long, with 14 rows of good size "Butter-Nut" pearly white grains. Stalks grow about 5 feet high and produce 2 fine ears. Lb. 15c. 2 Lbs. 30c, 10 Lbs. $1.30. 25 Lbs. $2.75. 100 Lbs. $10.00.

1049. **65-Day White Cob Corn.** This Extremely Early Corn looks like Snow White Evergreen Corn, but is ready for the market in 60 to 65 days from planting. Lb. 12c. 2 Lbs. 24c. 10 Lbs. 85c. 25 Lbs. $2.00. 100 Lbs. $7.00.

1057. **Mammoth White Cory Sweet Corn.** Produces ears 7 to 8 inches long; 12-rowed; white-cobbed and covered with very large, white grains of extra quality. Lb. 15c. 2 Lbs. 30c. 10 Lbs. $1.30. 25 Lbs. $2.75. 100 Lbs. $10.00.

1112. **Golden Bantam Corn.** This very early, yellow grained Sweet Corn, when in best condition for the table, is remarkably sweet and tender. The stock we offer has been improved by several years of careful selection, and therefore will be found decidedly superior to much that is offered. Lb. 20c. 2 Lbs. 40c. 10 Lbs. $1.35. 25 Lbs. $3.00. 100 Lbs. $10.50.

Snow White Evergreen Sugar Corn

1256. **Howling Mob.** Superb long ears of sweetest quality. Stocks are of strong, vigorous growth, 4½ to 5 feet in height, abundant foliage, and generally produces 2 fine ears to a stalk. Lb. 20c. 2 Lbs. 40c. 10 Lbs. $1.35. 25 Lbs. $3.00. 100 Lbs. $10.50.

1115. **Premo 60-Day Corn.** Experts pronounce this Corn to be from 5 to 7 days earlier than any other Sugar Corn in existence. It is superior to many leading early varieties n quality, size and yield. Can be planted as early as Adams' for the young plant withstands slight frosts. Lb. 15c. 2 Lbs. 30c. 10 Lbs. $1.30. 25 Lbs. $2.75. 100 Lbs. $10.00.

Second Early

1060. **Extra Early Evergreen.** Ears like Evergreen—very large, with about 18 irregular rows and a very long grain of the very best quality; remains in condition for use longer than any other sorts, exceeding the Stowell's in this respect. Lb. 15c. 2 Lbs. 30c. 10 Lbs. $1.25. 25 Lbs. $2.65. 100 Lbs. $9.50.

1061. **Early Mammoth Sugar.** Market Gardeners' favorite. Two weeks earlier than the Late Mammoth. Lb. 15c. 2 Lbs. 30c. 10 Lbs. $1.30. 25 Lbs. $2.75. 100 Lbs. $10.00.

1222. **Truckers' Favorite.** Not a Sugar Corn, but used largely in Baltimore and the South as a table Corn. Lb. 12c. 2 Lbs. 24c. 10 Lbs. 85c. 25 Lbs. $2.00. 100 Lbs. $7.00.

General Crop

1066. **Snow White Evergreen.** Lb. 15c. 2 Lbs. 30c. 10 Lbs. $1.15. 25 Lbs. $2.50. 100 Lbs. $9.00.

1067. **Stowell's Evergreen.** The truest strain of the leader of all Corns is in our possession. It remains longer in a first-class marketable condition than any other variety. Lb. 15c. 2 Lbs. 30c. 10 Lbs. $1.15. 25 Lbs. $2.50. 100 Lbs. $9.00.

Late Crop

1065. **Country Gentleman Sugar Corn.** Lb. 15c. 2 Lbs. 30c. 10 Lbs. $1.30. 25 Lbs. $2.75. 100 Lbs. $10.00.

1062. **Large Late Mammoth Sugar.** Lb. 20c. 2 Lbs. 40c. 10 Lbs. $1.40. 25 Lbs. $3.25. 100 Lbs. $11.00.

1063. **Black Mexican.** Lb. 20c. 2 Lbs. 40c. 10 Lbs. $1.35. 25 Lbs. $3.00. 100 Lbs. $10.50.

1193. **Shoe Peg or Ne Plus Ultra.** Lb. 15c. 2 Lbs. 30c. 10 Lbs. $1.30. 25 Lbs. $2.75. 100 Lbs. $10.00.

1064. **Rice Pop Corn for Popping or Seed.** Lb. 10c. 2 Lbs. 20c. 10 Lbs. 90c. 25 Lbs. $2.00. 100 Lbs. $6.00.

Ounce will sow 20 square feet,
6 pounds will sow an acre

Corn Salad

MACHE—*Macha o Vaierianilla*
Stechsala

We Pay Postage on Pkts., Ozs. and ¼ Lb.
Parcel Post Rates, see Page 2

Culture. Sow during August or early in September, in drill ¼ inch deep and 6 inches apart. If the weather is dry when the seed is sown, tread it lightly to insure germination. Keep down weeds with hoe. Just before the Winter, cover thinly with straw or leaves.

24. **Large German Corn Salad.** Used as a salad and for garnishing. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 50c.

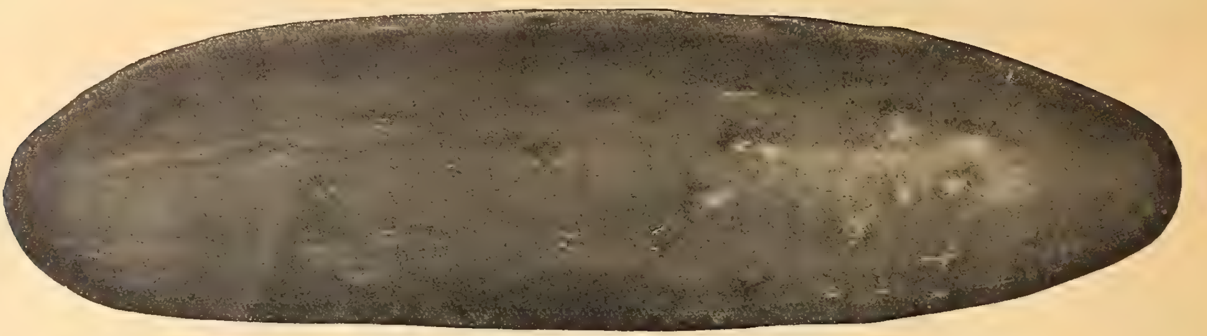
Cress

CRESSON—*Berro o Mastuerzo*
Kreſſe

Culture. Sow curled or pepper grass thickly, in shallow drills, every 2 weeks. It should be cut often and will continue to grow. It is useful for salad and for garnishing.

520. **True Water Cress.** Should be sown in damp soil; or if a stream of water can be utilized, they would be much finer. They will thrive well in damp hotbeds. Rightly managed, their culture is very profitable. To obtain early salad it is a good plan to sow with Water Cress Seed a strip 4 inches wide on the upper margin of the hotbed, inside the frame, where it is always cool. Pkts. 5c and 10c. Oz. 50c. 2 Ozs. 80c. ¼ Lb. $1.40. Lb. $5.00.

521. **Fine Curled or Pepper Grass.** Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 60c.



Bolgiano's Famous New Early Fortune Cucumber

We Pay Postage on Pkts., Ozs. and ¼ Lbs. Only
Parcel Post Rates, see Page 2

Cucumber

CONCOMBRE
Pepino
Gurke

One ounce will plant fifty hills,
two pounds will plant one acre

Culture. For very early, sow in hotbeds upon pieces of sod, or in small pots; they can be readily transplanted with a gain of about six weeks before they can be sown in the open. Plant out in rich soil when danger of frost is over, or protect by hand glasses; or by paper held down at the corners with earth. For general crops, sow in the open as soon as the weather is settled and warm, and every two weeks for a succession. For pickles, sow from middle of June to Fourth of July. Sod land, turned over in the Fall, is the best for them. Plant in hills 4 feet apart, putting shovelful of well-rotted manure in each hill.

394. **Bolgiano's New "Crystal Springs" Cucumber.** New 1918 introduction. (Specialty, see page 9.) Extra early, heaviest yielding, continuous bearer. Attractive rich, glossy, deep green color. Deep green to the very tips. Mildew-proof, never turns yellow. Perfect in shape, color and size. No misshapen fruits or culls. Flesh firm, fine grained and tender. The quality is superb. Most refreshing and delightful flavor. Entirely free from bitterness. Very few seeds. Fine for slicing. The ideal Cucumber for either shipping, market or home use. Pkt. 10c. ½ Oz. 15c. Oz. 20c. 2 Ozs. 35c. ¼ Lb. 60c. ½ Lb. $1.10. Lb. $2.00.

84. **Bolgiano's Early Fortune Cucumber.** Full blooded, as pretty as a picture, and extremely early, wonderfully productive, a model in shape, of the most inviting and attractive deep green color. Without a doubt the finest in the world. (See page 10.) Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 45c. ½ Lb. 80c. Lb. $1.50. Postpaid.

17. **Bolgiano's "Prosperity" White Spine Cucumber.** New introduction. This wonderful new Cucumber will immediately jump into utmost favor with shippers, market gardeners and private gardeners. It absolutely has no equal; it will bring prosperity to you quick. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 45c. ½ Lb. 80c. Lb. $1.50.

135. **New Klondike.** Very dark green, 6 or 7 inches long and two inches thick, remains crisp a long time. It is a grand market sort. Pkts. 5c. and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 30c. ½ Lb. 55c. Lb. $1.00.

544. **Davis Perfect Cucumber.** This variety is noted for producing the only Cucumbers of quality enabling them to sell in competition with hothouse grown stock. Very slender, almost seedless, cylindrical and tapering at the ends. It much resembles the expensive English forcing varieties and is superseding them in the markets. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 45c. ½ Lbs. 80c. Lb. $1.50.

19. **Henderson's Perfection White Spine Cucumber.** This Cucumber is very much the same type as the Early Fortune. This sort has great quantities of extra fancy dark green fruit, which always sells well in all markets. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 40c. ½ Lb. 70c. Lb. $1.25.

85. **Arlington White Spine Cucumber.** For many years the standard slicing and market variety. Very prolific, and of dark green color. Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

90. **Evergreen, or Long White Spine Cucumber.** The best extra long table and market Cucumber. Fruit grows 8 to 10 inches long, holding diameter well from end to end. Heavy producers of extra fancy dark green fruits of good quality. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 40c. Lb. $1.25.

340. **Fordbrook Pickling.** A very prolific pickling. Pkts. 5c and 10c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

92. **New Excelsior Long Green Cucumber.** It is a model for size, form and beauty. Deep green color, and an abundant cropper. For table use and pickles. This sort runs so uniform that the Cucumbers look as if they had all been selected. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 45c. Lb. $1.50.

95. **Improved Jersey Pickle.** It is medium in length, very shapely, prolific and holds its color. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. Lb. 75c.

398. **Early Green Cluster Cucumber.** This is an extra early pickling or frame variety, being the earliest Cucumber of practical use. Fruit is set in clusters of two or three and are used for either pickles or for extra early slicers. They will produce fruits 10 days earlier than the earliest slicing varieties. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

88. **New Extra Long White Spine Cucumber, or Fordhook Famous.** Skin very deep green; firm and usually crisp. The plant is a strong grower; leaf large and of a deep green color. The fruit is long (12 to 17 inches), smooth, slim and uniform. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 40c. ½ Lb. 70c. Lb. $1.25.

86. **Improved Extra Early White Spine Cucumber.** We have a very uniform dark green strain. Vines are exceptionally rugged and productive and fruit holds color well after harvesting. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 45c. ½ Lb. 80c. Lb. $1.50.

93. **Bolgiano's New Prolific Pickling.** Bears fruit from the time it first starts until frost. Vines are strong and vigorous, yielding immense quantities of fruit, and remains in a fresh, healthy, growing state longer than any other sort. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. Lb. 85c.

236. **Boston Pickling.** Fruit short, smooth and pointed at each end; light green, a great yielder; one of the best for pickling. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. Lb. 75c.

208. **Chicago or Westerfield Pickling Cucumber.** Fine for Market Gardeners. Medium length, pointed at each end, large spine, deep green, very prolific. A fine pickling variety. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. Lb. 75c.

97. **Thorburn's Everbearing.** A short, early pickling variety on a sturdy vine, which stands hard pickling well. The chief characteristic of this variety is the rough pimple spines, completely covering the pickle and making what is known as a gherkin pickle. These pickles are exceedingly crisp and firm, and are generally used for fancy bottled. Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

98. **Improved Long Green Cucumber.** If you have to make one variety do for everything, this is the one to use. It is used for an early long slicing sort. It gets on the market a week ahead of most good slicers and gets the early money. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 45c. Lb. $1.50.

94. **Early Frame, or Early Short Green.** Desirable for producing pickles of medium size and fine quality. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. Lb. 75c.

518. **West Indian Gherkin.** This is the only genuine Gherkin. It is small, oval and covered with spines; color light green. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 40c. ½ Lb. 70c. Lb. $1.25.

517. **Japanese Climbing Cucumber.** Used as a beautiful vine and also for its fruit. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 30c. Lb. $1.00.

342. **The New Lemon Cucumber.** It has a thin skin, is crisp, tender and sweet. Can be used sliced, whole or as pickles. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 45c. ½ Lb. 80c. Lb. $1.50.

384. **Cool and Crisp.** This is the earliest and one of the most prolific pickling Cucumbers. The Cucumbers are of a dark color, straight, long, even and slim. They are very tender and crisp. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. Lb. 75c.

454. **Pittsburgh Famous Pickling Cucumber.** This stock has been bred to order by one of the most expert plant breeders for a concern who uses thousands of acres yearly and know just what is wanted in pickling Cucumbers. The vines are exceptionally robust; fruit sets close in and are very uniform. Pkts. 5c and 10c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

Sage

Herbs—SWEET, MEDICINAL AND POT

	Pkt.	Oz.	¼ Lb.	Lb.		Pkt.	Oz.	¼ Lb.	Lb.
Anise	10c	15c	40c	$1.20	**Marjoram Sweet**	10c	20c	60c	$2.00
Basil Sweet	10c	15c	40c	1.20	**Martynia**	10c	30c	1.00	3.50
Blue Poppy	10c	15c	45c	1.50	**Rosemary**	10c	65c	2.00	7.00
Caraway	5c	10c	20c	50c	**Sage**	10c	40c	1 30	4.50
Chicory	10c	25c	75c	2.50	**Sorrell**	10c	15c	45c	1.50
Chives	10c	55c	1.65	6.00	**Summer Savory**	10c	15c	30c	1.00
Coriander	5c	10c	20c	50c	**Thyme**	10c	50c	1.40	5.00
Dill Mammoth	5c	10c	15c	40c	**Horehound**	10c	30c	95c	3.20
Fennel Sweet	10c	15c	45c	1.40	**Lavender**	10c	25c	80c	2.80

1 Oz. will produce 500 Plants

Egg Plant

We Pay Postage on Pkts., Ozs. and ¼ Lbs. Parcel Post Rates, see Page 2

AUBERGINE *Berengena* Eerpflanze

Culture. Sow in hotbeds very early in Spring and transplant when 2 inches high into a second bed or into small pots. If this is not done, thin to 4 inches apart. Do not plant out until weather is perfectly settled and warm. Cool nights or wet weather will check them. Keep some back in frames for a second planting, in case of weather changing unexpectedly. Set out plants 3 feet by 2.

100. **Bolgiano's Black Beauty Egg Plant.** The earliest and best of all large fruited Egg Plants. Pkts. 5c and 10c. ½ Oz. 30c. Oz. 50c. 2 Ozs. 80c. ¼ Lb. $1.40. ½ Lb. $2.65. Lb. $5.00.

99. **The Florida High Bush Egg Plant.** Holds the fruit well off the ground, resists drought and wet weather. Fine purple color, very productive. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 35c. 2 Ozs. 65c. ¼ Lb. $1.15. ½ Lb. $2.15. Lb. $4.00.

103. **Bolgiano's Improved Large Purple Egg Plant.** Perfect stock of improved Large Purple Egg Plant—purer, truer, better than has ever been offered before. It has a handsome shape, a fine, dark, purple color, beautiful form, large size, and is uniform, making it attractive for shipping and market use. Pkts. 5c and 10c. ½ Oz. 25c. Oz. 40c. 2 Ozs. 70c. ¼ Lb. $1.30. ½ Lb. $2.40. Lb. $4.50.

101. **New York Improved Egg Plant.** **(Spineless.)** A vigorous grower; fruit large, fine, free from thorns, and produce until frost; skin of a rich purple, flesh white and of a rich flavor. We can highly recommend this Egg Plant. Pkts. 5c and 10c. ½ Oz. 25c. Oz. 40c. 2 Ozs. 70c. ¼ Lb. $1.30. ½ Lb. $2.40. Lb. $4.50.

104. **New Orleans Egg Plant.** Large, dark, purple or New Orleans Market. They are good shippers. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 35c. 2 Ozs. 65c. ¼ Lb. $1.15. ½ Lb. $2.15. Lb. $4.00.

556. **New Jersey Improved Large Smooth Egg Plant.** Pkts. 5c and 10c. ½ Oz. 25c. Oz. 40c. 2 Ozs. 70c. ¼ Lb. $1.30. ½ Lb. $2.40. Lb. $4.50.

1 Oz. to 150 feet of row

Endive

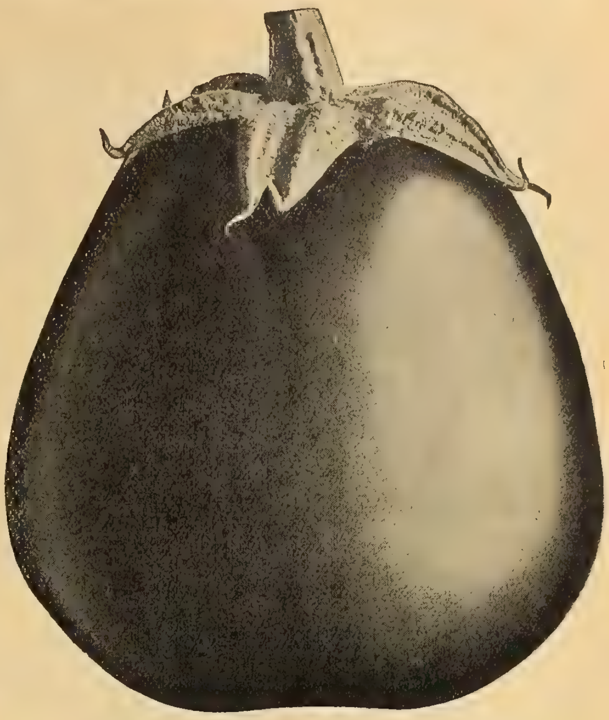
CHICOREE
Escarola o Endivia
Endivia

Parcel Post Rates, see Page 2

106. **Bolgiano's New Self-Blanching Endive.** A perfect self-blanching curled Endive, beautiful and graceful in shape, most attractive, perfect color, shading from a large, rich golden heart to the outer leaf of emerald green. Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 25c. ½ Lb. 45c. Lb. 85c.

107. **Green Curled Endive.** Much better than the common varieties. An attractive and ornamental vegetable. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

452. **Broad-Leaved Batavian.** The leaves are large and broad, having the edges slightly cut. It can be blanched, but is more generally used to cook like Spinach, or as flavoring for soups, stews, etc. Called "Escarolle" in the South. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. Lb. 75c.



New York Improved Purple Egg Plant

1 Ounce will produce about 5,000 Plants

Kale

CHOUVERT FRSIE
Col.
Krauſkohl

Pkts., Ozs. and ¼ Lbs. Delivered Free

Culture. The Kales are more hardy than Cabbage, make excellent greens for Winter and Spring use, and are improved by frost. Sow from May to June, and cultivate the same as Cabbage. For early Spring use sow in September, and protect during Winter. Some of the varieties are so hardy that the green leaves may be dug out from under the snow in Winter and be used for greens.

113. **Bore Cole or Kale. Hardy Winter Spargel Kohl.** The most salable, delicious and tender of all Winter Kales. About Baltimore it is sown in May, and transplated like Cabbage to stand over Winter. It is taller than the extra dwarf varieties, and when the leaves are stripped or fall off, new tender leaves quickly grow out. Then they are again stripped off and used for marketing. It will stand the coldest Winter. Besides being a delicious vegetable, it has always been an exceptionally profitable crop, bringing money during the Winter months when most all vegetables are scarce. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c. 2 Ozs. 45c. ¼ Lb. 75c. ½ Lb. $1.35. Lb. $2.50.

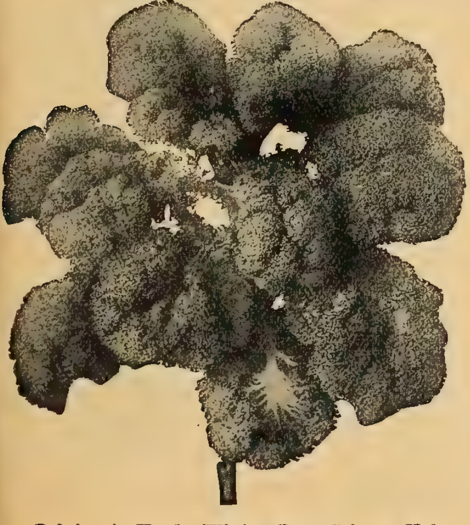
112. **Extra Dwarf Green Curled Scotch, or Norfolk Kale.** One of the best Kales for Spring sowing in the North; the principal sort grown South for Northern markets; hardy, and will remain over Winter where temperature does not go below zero. Very dwarf and spreading, rarely exceeding 18 inches in height. Leaves are a bright green color, beautifully curled and produced in abundance. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

108. **New Imperial, Very Curly, Long Standing Kale.** Beautifully curled and crimpled sort; strong, vigorous habit, perfectly hardy, bright green color; very attractive in appearance; superior to all late sorts; will stand longer without shooting to seed than any other variety. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 65c.

351. **Spring or Smooth Kale.** A hardy, quick growing, smooth leaved variety. The best for Spring sowing, but largely sown in the Fall, making greens earlier than the Winter varieties. Pkt. 5c. ¼ Lb. 10c. ½ Lb. 15c. Lb. 20c.

109. **Curled German Kale.** Hardy; stands the frost of our severest Winters; grows rapidly, dwarf habit, beautifully curled. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

110. **Siberian Curled Kale.** The green leaves are very large and comparatively plain in the center, but heavily curled on the edge. It is a fast grower, extremely hardy and will stand longer in the Spring without bolting than any other variety. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.



Bolgiano's Hardy Winter Bore Cole or Kale

512. **New American, Extra Curled, Long Standing Kale.** Of a beautiful green color. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 65c.

Kohl-Rabi

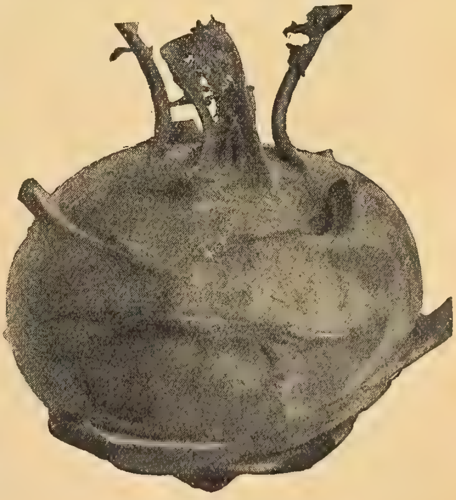
CHOU-RAVE
Calinabo
Kohlrabi

152 "Best-of-All" Kohl-Rabi

Combines the qualities of the finest varieties. Round like an apple, fine, smooth skin. Leaves very few, stand erect, enabling grower to plant closer and helps him in bunching. Flesh is unsurpassed in tenderness and flavor. "Best of All" Kohl-Rabi will not run to seed in frosty weather. Equally valuable for forcing or open ground culture. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 45c. Lb. $1.50.

117. **Earliest White Vienna.** The standard well known variety most largely used; fine stock. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 40c. Lb. $1.25.

343. **Purple Kohl-Rabi.** Very much appreciated by the best truckers. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 40c. Lb. $1.25.



" Best of All " Kohl-Rabi

Lettuce

Laitue
Lechuga
Salat

1 Oz. to 3,000 Plants
2 Lbs. to the Acre
We Pay Postage on Pkts., Ozs. and ¼ Lbs. Only

Parcel Post Rates, see Page 2

A Field of Bolgiano's Famous Big Boston Lettuce

Culture. For early Summer use, sow in hotbeds in March, sowing every two weeks for succession. Transplant the young plants to rows 2 feet apart and 8 to 12 inches apart in the row. For Winter use, sow in August, transplant to frames; and for this purpose the early heading varieties, such as the Millionaire Lettuce, are best adapted. The Cos varieties require to be tied up for a few days in order to properly blanch them.

Earliest Varieties

415. **Bolgiano's "Masterpiece" Lettuce. New 1920 Creation.** (Specialty, see page 3.) Sure header, very solid, beautifully blanched, crisp as ice; mild, tender, sweet, delicious flavor. It is equally well suited for the home garden, near-by markets or long-distance shipping. Does well in any section of the country. A very profitable Lettuce to grow. Pkts. 10c and 25c. ½ Oz. 30c. Oz. 50c. ¼ Lb. $1.40. ½ Lb. $2.65. Lb. $5.00. Postpaid.

380. **"Long Lost" Lettuce.** (Specialty, see page 7.) Produces large, extremely solid, compact cabbage heads. It is a reliable sure header and is very hardy. It stands the cold. It will Winter over better than Big Boston Lettuce. "Long Lost" Lettuce has both shipping and eating qualities, decidedly buttery in flavor, sweet and tender. Of a solid, bright, attractive green, never spotted or brownish in any part. As a shipper, "Long Lost" Lettuce far surpasses every other Lettuce, including the Big Boston. Supply very limited. Pkts. 10c and 25c. ½ Oz. 30c. Oz. 50c. 2 Ozs. 80c. ¼ Lb. $1.40. ½ Lb. $2.65. Lb. $5.00. Postpaid.

352. **May King.** A handsome, light green heading variety of medium size and excellent quality. Outdoors the heads mature exceptionally early, attaining a size suitable for use before other sorts, and often the edges of the outer leaves have a brownish tinge. The plant is very compact for so large a head. It is very satisfactory also for forcing under glass. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 40c. ½ Lb. 70c. Lb. $1.25.

480. **Bolgiano's "Sure Summer Header" Lettuce. (New Introduction.)** This is the best Mid-Summer Variety, resisting heat and drought and remains in a heading condition longer than any other. It is a sure header in the hottest, driest weather and proves a big success under conditions when all others fail. The heads are a good size, very solid, a fresh green color. Loose leaves can all be used as they are brittle and tender. This strain is a big improvement over all other Summer varieties. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 45c. ½ Lb. 80c. Lb. $1.50. Postpaid.

122. **Improved White Loaf Lettuce.** After the most careful cultivation and rogueing, we have established the truest and most uniform strain of improved White Loaf Lettuce. It is planted largely in the Fall and allowed to remain in the open ground all Winter. In the earliest Spring it quickly forms most delicious, large, light colored Lettuce heads. As a frame Lettuce it has no equal; often 18 heads have brought $2.50 wholesale. If planted in early Spring, it quickly forms heads and can be brought to market long before other Lettuce. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 30c. ½ Lb. 55c. Lb. $1.00.

156. **Big Boston Lettuce. Bolgiano's Famous Stock.** Big Boston Lettuce is the most valuable Lettuce in cultivation; its excellent qualities have made it the most popular and most extensively used Lettuce in the world. It can be grown in the open ground for Summer or Fall, in frame for Spring or forced cool in greenhouses for Winter use, producing under each condition, grand, large, buttery, yellow heads, filled with sweet, crisp, tender, beautifully blanched leaves. Stands long without going to seed; has few outer leaves and makes a large, attractive plant. Big Boston Lettuce is specially adapted to cool, open ground culture. Our stock of this famous Lettuce is the finest in the World. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 40c. ½ Lb. 70c. Lb. $1.25.

425. **New York or Wonderful Lettuce.** A decidedly crisp variety; strictly cabbage head. Very large. Extremely slow to shoot to seed. Hardy, well blanched; sweet, delicious flavor. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c. 2 Ozs. 45c. ¼ Lb. 75c. ½ Lb. $1.35. Lb. $2.50.

137. **Black Seeded Tennis Ball or Boston Market.** One of the very best for either forcing or early outdoor planting. Plants good size, leaves are of good substance and of attractive, dark green color. Heads are solid, crisp and tender. Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 25c. Lb. 75c.

155. **New Lettuce, "Unrivaled."** An improvement on the Big Boston Lettuce, possessing earliness, large size, attractive color, etc. It can be sown almost the whole year around; it resists the Summer heat, is crisp and solid. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 40c. Lb. $1.25.

150. **Millionaire Lettuce.** Unquestionably the Earliest and far better than any other extremely early large heading Lettuce. A Lettuce fit for a king. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 45c. ½ Lb. 80c. Lb. $1.50.

126. **New Early Spring Lettuce.** In the Early Spring months this splendid Lettuce produces large cabbage-like heads, which are uniform, tender, crisp and sell at highest possible prices. Our most critical market gardeners, year after year, bank on this Lettuce. It is also good for late Summer sowing to produce Fall Head Lettuce. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 40c. ½ Lb. 70c. Lb. $1.25.

Cos or "Celery" Lettuce

The Lettuce called Salad Romaine is of distinct, upright growth, and esteemed for its fresh crispness and mild flavor during the Summer and in warm climate.

339. **Eclipse or "Express" Cos.** The most dwarf and earliest of all. The plants grow stiffly erect, only six or seven inches in height. The interior leaves are almost pure white, very crisp, and mild in flavor, even in hot weather. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 30c. ½ Lb. 55c. Lb. $1.00.

123. **Paris Self-Folding or Trianon White Cos.** Grows to a very large size, producing long-pointed, compact bunches. The inner leaves blanch readily and are of fine flavor. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 30c. ½ Lb. 50c. Lb. $1.00.

Paris Self-Folding White Cos or Celery Lettuce

Heading Lettuce

Parcel Post Rates, see Page 2

120. **"Lucky Stroke." Bolgiano's New Lettuce.** The largest and most successful Lettuce growers are wild over this new early Summer Lettuce. It is simply perfect. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 40c. ½ Lb. 70c. Lb. $1.25.

140. **Tender and True Summer Lettuce.** This new Lettuce will delight the most critical Lettuce grower. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 40c. ½ Lb. 70c. Lb. $1.25.

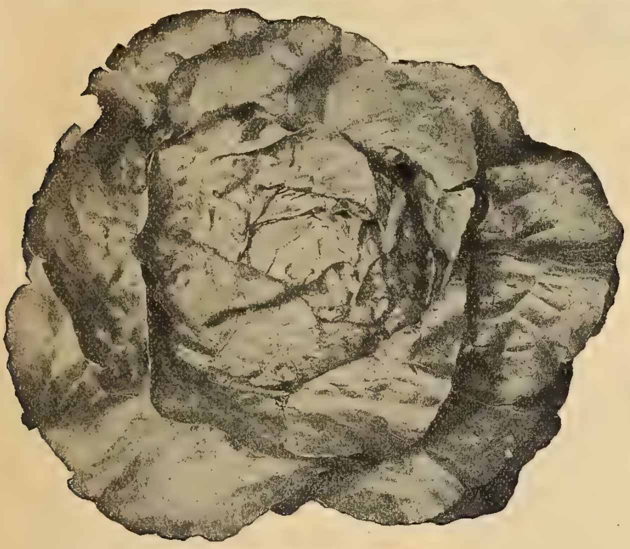
133. **California Cream Butter Lettuce.** Outside leaves are a medium green color, inside is folded a solid head of rich, creamy color. The largest growers considering it one of the best in cultivation. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 30c. ½ Lb. 55c. Lb. $1.00.

215. **Burpee's Butterhead Lettuce.** A fine, large, hard-headed variety, solid, rich and buttery. Always well blanched and tender. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 40c. ½ Lb. 70c. Lb. $1.25.

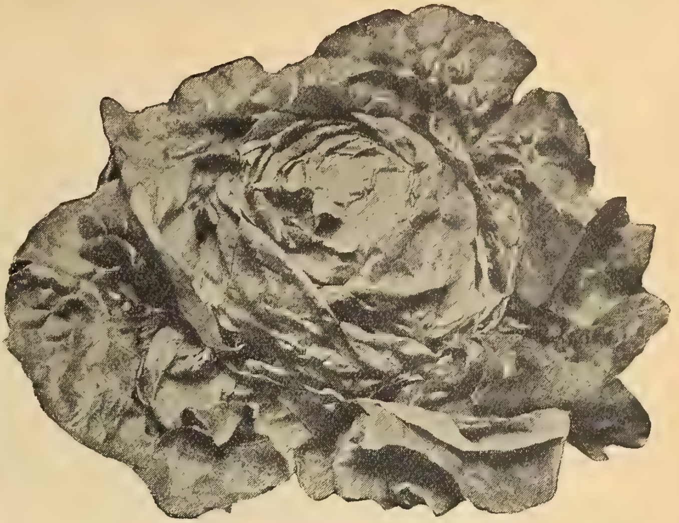
124. **Bolgiano's Celebrated Big Head Lettuce.** Its beautiful form and color attract the attention of expert growers. It forms a compact head; has no core, but a tender, golden heart. As a shipper it is unexcelled, commands the very best prices; demand always exceeds the supply. It resists the cold, withstands the Summer heat, always has a crisp, mild flavor, when open it becomes a table ornament; in fact, in this sort the trucker has found a perfect Lettuce. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. Lb. 75c.

348. **Tait's Imperial Cabbage Lettuce.** Some of the most successful growers in the vicinity of Norfolk prefer it to any other sort. The leaves are thick, crisp and stiff, and carry well in shipment. Color bright green, and holds well after cutting. As an open air Lettuce it is unexcelled for endurance of extreme cold and yield per acre. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 30c. ½ Lb. 55c. Lb. $1.00.

	Pkt.	Oz.	¼ Lb.	Lb.
134. **Mammoth Black Seeded Butter**...	5c	10c	25c	85c
153. **Baltimore Cabbage Lettuce**.......	5c	10c	25c	85c



Lucky Stroke Lettuce



Bolgiano's Celebrated Big Head Lettuce

Solid Crisp Head Lettuces

Also Loose Head Varieties

132. **Grand Rapids.** Finely curled or fringed edges. Its delicious quality and handsome appearance make it most popular. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

350. **"Iceberg" Lettuce.** The heads are large, crisp, solid and tender. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 30c. ½ Lb. 55c. Lb. $1.00.

145. **Hanson.** Grows to large size and is uniformly sure heading. Heads very solid and beautifully blanched; crisp, mild and tender. One of the finest varieties to grow for market during the Summer months. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 30c. ½ Lb. 55c. Lb. $1.00.

147. **Black-Seeded Simpson.** Very large, finely fringed. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

345. **Early-Prize Head.** (Brown Cabbage.) Large, loose heads, tinged with brown. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. Lb. 75c.

Leek

POIREAU
Puerro
Porro

Culture. Sow early in April in drills 1 foot apart and 1 inch deep. When plants are 6 to 8 inches high transplant in a deep, rich soil in rows 12 inches apart and 6 inches in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow.

Bolgiano's Famous Mammoth King Leek

114. This stock we have by years of selection built up until it has become to those who use it a pleasure to grow and a profit too. It has a handsome form, is very mild, agreeable in flavor, grows to double the size of ordinary varieties, is pure white, has attractive, dark-colored leaves, is stout in habit and hardy. The edible part is 8 to 15 inches long and 3 to 5 inches in diameter. It is without exception the largest and best Leek ever placed in the hands of the grower. Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 25c. ½ Lb. 45c. Lb. 85c.

546. **Monstrous Carenton or Scotch Champion.** Very large, hardy and productive; popular for market. Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

116. **Extra Large American Flag or Broad London.** Distinct and dark-colored leaves; stout in habit and hardy. Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

Mustard

Try Mustard cooked like Spinach—it is delicious
One ounce will sow 100 feet of drill

We Pay Postage on Pkts., Ozs. and ¼ Lbs.
Parcel Post Rates, see Page 2

203. **Southern Giant Curled.** The true curled leaf variety, sweet flavored, pungent and succulent; used for early salad. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

204. **Ostrich Plume Mustard or Fordhook Fancy.** Desirable and ornamental. It is distinct from any other variety. The plants are of vigorous growth, and the beautiful dark green, pungent leaves curve outwardly like a fine ostrich plume. The edges are as thoroughly curled and laciniated as the best double curled Parsley, making the leaves equally desirable for garnishing. So attractive is the habit of growth and the feathery effect of the finely fringed leaves that this plant is quite worthy of a place in the garden as an ornamental border plant. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

Chinese Broad Leaf. The leaves are twice the size of the ordinary White Mustard, while the flavor is sweet and pungent. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 50c.

527. **Black or Brown Mustard.** Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

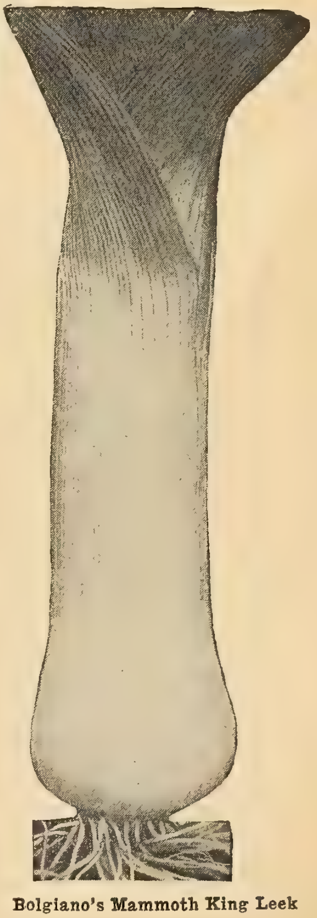
539. **White Mustard.** Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

Mushroom Spawn

BLANC DE CHAPIGNON
Seto—Champignonbrut

Culture. Mushrooms may be grown in cellars, under benches in greenhouses, or in sheds wherever the temperature of 50 degrees can be kept up during the Winter. The beds should be made from November to February, according to the time the Mushrooms are wanted, and it requires about 2 months for them to begin bearing. Secure fresh horse dung, free from straw and litter and mix an equal bulk of loam from an old pasture with it. Keep this under cover, taking care to turn it every day to prevent it from heating, until the pile is large enough to make a bed of the required size. Three or four feet wide, eight inches deep and any length desired are the proper proportions for a bed, but this may be varied. Prepare the mixture of loam and manure, making the bed in layers and pounding down each with the back of a spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees make holes in the bed about a foot apart each way, into which put pieces of spawn 2 or 3 inches in diameter; fill up the holes with compost, and at the expiration of a week or 10 days the spawn will have thoroughly diffused itself through the bed. Spread layer of soil over the heap to the depth of 2 inches, and cover with 3 or 4 inches of hay, straw or litter. Examine bed often to see that it does not get dry. Take special care, however, when water is given that it be at a temperature of 100. One brick to a bed 6 feet square.

American Pure Mushroom Spawn. Bricks 25c each; 10 Bricks at 22½c; 25 Bricks at 20c; 50 to 100 Bricks at 18c.



Bolgiano's Mammoth King Leek

Parcel Post Rates, see Page 2

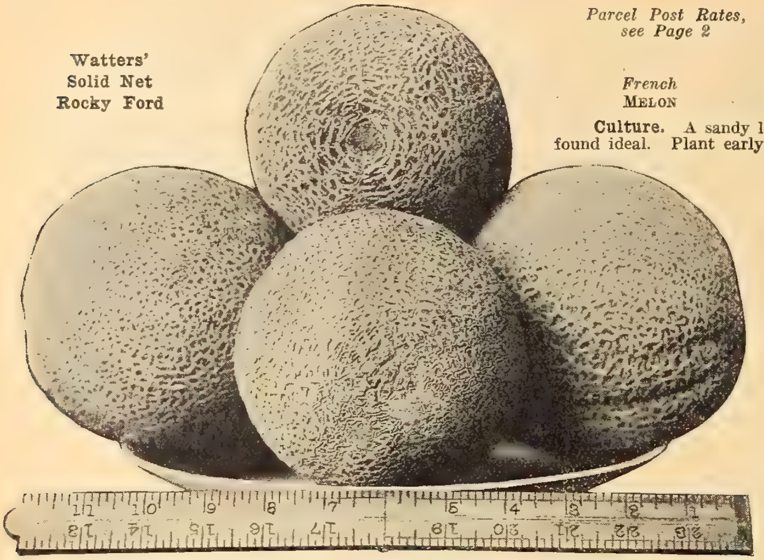
Muskmelons

We Pay Postage on Pkts., Ozs. and ¼ Lbs. Only

(Cantaloupe)

French	*German*	*Italian*	*Spanish*
MELON	MELONE	POPONE	MELON

Culture. A sandy loam to which plenty to well rotted manure has been added will be found ideal. Plant early in May, when the ground has become warm, in hills 6 feet apart each way; 12 to 15 seeds to the hill; cover half inch deep. To prevent damage by insects, spray with Pyrox. Thin out few plants after they show good growth and when all danger of insects is over thin out to 3 to 4 plants to the hill. For an early crop sow seed in berry boxes placed in hotbeds and transplant outdoors; do not disturb the roots. Sow one ounce of seed to 60 hills; two thirds pound for an acre.



Watters' Solid Net Rocky Ford

Green Fleshed Varieties

16. **"Junior" Rocky Ford.** A little larger, two weeks earlier, twice as prolific as Rocky Ford. Pkts. 5c and 10c. Oz. 20c. 2 Ozs. 35c. ¼ Lb. 60c. ½ Lb. $1.10. Lb. $1.50.

450. **Honey Dew.** The new Melon. Average size 6 inches in diameter and 7 to 8 inches in length. Weight averages 8 to 10 pounds. The skin is smooth and the rind though thin is very tough. Will keep until Christmas. Creamy yellow when ripe. Flesh an emerald green. Can be eaten to the extreme rind. Is a good shipper. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 30c. ½ Lb. 55c. Lb. $1.00.

207. **Watters' Improved Solid Net Rocky Ford Cantaloupe.** This is the earliest strain of Rocky Ford Cantaloupes. The meat is light green, spicy and sweet. The heavy gray netting is closely laced. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 45c. Lb. 85c.

401. **Delicious Gold-Lined Rocky Ford Cantaloupe.** This strain of Eden Gem type is the result of several years selection by one of the most progressive farmers of Rocky Ford, Colo. Shape is ideal, no ribs, and it is heavily netted over the entire melon. The melon is thick meated, fine grained and sweet; color, green, with a gold margin next to the seed cavity. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 30c. ½ Lb. 55c. Lb. $1.00.

167. **Eden Gem or Netted Rock Rocky Ford Cantaloupe.** This magnificent new Muskmelon is a selection of the old Rocky Ford, which it completely surpasses in lusciousness, yield heavy; good shipper. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 45c. Lb. 85c.

334. **Pollock Rocky Ford Cantaloupe.** A rust resisting melon, with netting over the blossom end; not a long melon, but rather inclined to be short, with the finest shipping and eating qualities. The selection from time to time have reduced the size; now they crate nicely. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 45c. Lb. 85c.

492. **Bottomley Cantaloupe.** A great blight resister. A few days later than the Knight. Slightly smaller than the Knight. Uniform size, about 7 inches from stem to blossom end. Beautifully netted with deep green ribs, giving it a most attractive appearance. Thick meated, very crisp and fine flavor. Handsome greenish color shading to a frosty salmon next to seed cavity. Small seed cavity. Shape oval, slightly more pointed at blossom end that at stem end. A wonderful shipper. Retains its flavor and firmness longer than any other melon. A great favorite wherever grown. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. Lb. $2.00.

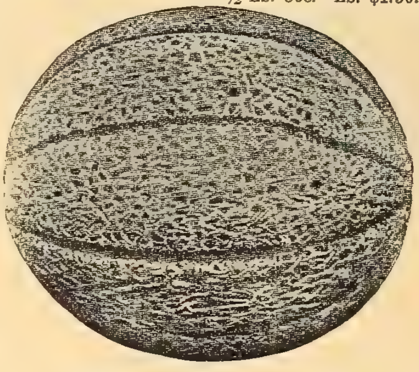
168. **Improved Jenny Lind.** The Jenny Lind is the earliest small medium sized melon known. It is very uniform in size, well netted and with thick meat. Small seed cavity. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. Lb. 85c.

333. **Acme or Baltimore.** Popular, large, fine flavored. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 45c. Lb. 85c.

337. **Knight, or New Maryland Cantaloupe.** A very popular melon with large growers and shippers; somewhat larger than the Rocky Ford or Netted Gem. We offer the original stock, which is very fine. Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 25c. ½ Lb. 45c. Lb. 85c.

157. **Thoroughbred "Rocky Ford" Cantaloupe.** Thoroughbred Stock. Bolgiano's Trustworthy Stock. The finest in the world. Meat light green changing very slightly toward gold near the center. Very spicy and sweet; abundant yielder, having produced 300 standard crates from one acre; it is an excellent shipper. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

471. **10-25 Cantaloupe.** A reselection of the Pollack Salmon Tint No. 25 strain of Rocky Ford, which in the last few seasons has become the most popular strain of the Rocky Ford Cantaloupe among market growers. Salmon flesh, tender, sweet flavored, without strings or toughness. Excellent shipper. Good seller. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 45c. ½ Lb. 80c. Lb. $1.50. Postpaid.



Purest Rocky Ford Cantaloupe

Baltimore Nutmeg Cantaloupe

The Original Stock. Finest on Earth.

170. Is delicious in flavor, attractive in form and color, and unexcelled as a shipper. Our seed of Baltimore Nutmeg Cantaloupe is produced under a bracing, clear and invigorating climate. This insures a parent stock of the finest flavor. We recommend this melon, and firmly believe the cash balance of every trucker will be materially increased if he grows our superior stock of Nutmeg Cantaloupe. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 45c. Lb. 85c.

160. **Extra Early Hackensack.** Will weigh from 10 to 12 pounds, delicious flavor. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 45c. Lb. 85c.

161. **Netted Gem.** Extra early, weight 1 to 1¼ pounds, fine. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 45c. Lb. 85c.

166. **Anne Arundel.** Large, green fleshed, deeply netted. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 45c. Lb. 85c.

Orange Fleshed Varieties

51. **Melting Gold Rocky Ford Cantaloupe.** Simply the most delicious Cantaloupe that was ever eaten. The sweet, luscious flesh is as yellow as melting gold. It is the best eating Cantaloupe in the world and a splendid, profitable shipper. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 45c. ½ Lb. 80c. Lb. $1.50.

574. **Salmon Fleshed Eden Gem.** Outward appearance is identical with the Eden Gem, but a trifle more uniform in size; it is the best long distance shipping Rocky Ford strain, with a new delicious flavor and color of flesh. One of the closest netted of all melons. It is unequaled in hardiness, prolificness and disease resistance. It originated with Professor Blum, of the Colorado Experiment Station. The color is almost invariably salmon, if cut at the right stage. Supply of seed very limited. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 30c. ½ Lb. 55c. Lb. $1.00.

408. **Bolgiano's "Unsurpassed" Cantaloupe.** New 1920 creation. (Specialty, see page 8.) The best Cantaloupe ever grown, fairly melts in your mouth. Tender, delicious, sweet flavored, salmon-colored meat. Vigorous grower, blight resister, enormous producer, splendid shipper, solid netted, no culls, handsome appearance. Satisfies the most critical trade. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 45c. ½ Lb. 80c. Lb. $1.50. Postpaid.

548. **Burrell's Gem.** The fruit is of good size, handsome appearance and fine flavor. The skin is a rich, dark green, contrasting finely with the deep, orange-salmon colored flesh; sweet, tender. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c. Postpaid.

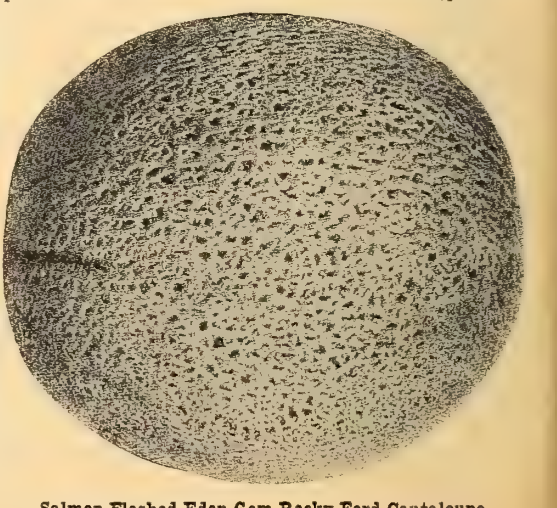
169. **Emerald Gem.** The melons are about the size of Netted Gem. The flesh is of a beautiful salmon color, and is peculiarly crystalline in appearance, the flavor is **sweet and luscious beyond description.** Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 60c.

528. **Banana.** The deep, golden flesh is of exquisite flavor. It looks and smells like a banana. Not a mere curiosity, but is in such favor as to command prices from 50c and $1.00 for a single specimen. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 30c. ½ Lb. 50c. Lb. 90c.

164. **Paul Rose.** The fruits are nearly round, ribbed and heavily netted. The flesh is thick, of rich, deep orange color, and ripens close to the rind, with small seed cavity. It is an excellent shipper. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

162. **Orange-Flesh Osage.** The fruits are larger than those of the Emerald Gem; nearly round in form, but having the same distinct dark green skin with lighter bands between the ribs, and thick, firm, orange flesh of fine quality. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

353. **Extra Early Osage Gem.** Round, well netted, thick, deep salmon-colored flesh, small seed cavity, delicious flavor. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 60c.



Salmon Fleshed Eden Gem Rocky Ford Cantaloupe

Watermelon

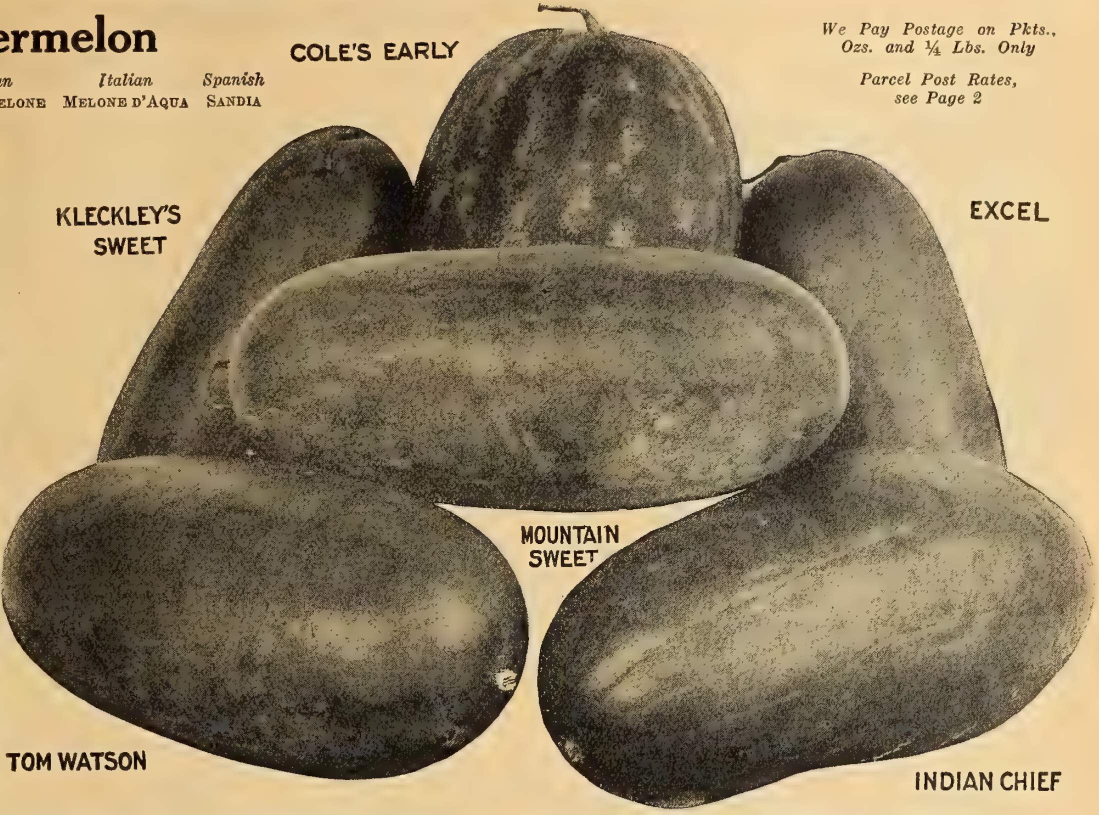
French	*German*	*Italian*	*Spanish*
MELON D'EAU	WASSER-MELONE	MELONE D'AQUA	SANDIA

We Pay Postage on Pkts., Ozs. and ¼ Lbs. Only

Parcel Post Rates, see Page 2

Culture. Require a rich, though sandy soil for perfect development, and thrive best in warm latitudes, such as the Southern or Southwestern States, although in a warm sandy soil in a more northern latitude fine crops are often obtained. Cultivate and treat exactly as for Muskmelons, except that the hills should be eight to ten feet apart. 1 ounce seed to 30 hills; 4 to 5 pounds for an acre.

172. **Indian Chief, Bolgiano's Wonderful New Watermelon.** Large, oblong, dark-green melon, with a thick netting all over it. The rind is thin but tough. The flesh is a bright attractive red. The flavor is delicious, sweet and satisfying. Very productive. A perfect shipper. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c. Postpaid.

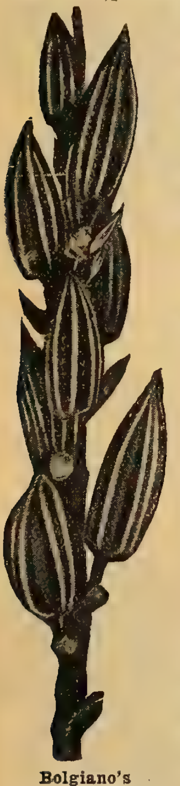


171. **Bolgiano's Cold Mountain Spring Watermelon.** The ideal melon for Southern shippers, prolific, uniformly, good size, tough rind, flesh red and delicious. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

441. **Bolgiano's "Beauty" Watermelon. New 1920 Creation.** (Specialty, see page 8.) A long-distance shipper. A good seller. Uniform in size; weighing about 50 pounds. An extremely heavy yielder. Filled full of red, solid meat of a pleasing, melting character, sweet, crisp and tender. Absolutely free from any stringiness. Skin light green and broad bands of mottled dark green, producing a velvety effect. Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c. Postpaid.

405. **"General Pershing" Watermelon.** (Specialty, see page 10.) A wonderful producer. No culls. Stands dry weather. Disease resistant. Eating qualities unequalled. The sparkling red flesh is as sweet as honey. Size uniformly large, ranging from 35 to 50 pounds. Color a light pea green. Will not sunburn. Ripens earlier than Tom Watson. Will keep in good condition for a long time after pickling. Will stand long-distance shipping better than any other melon. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 45c. ½ Lb. 80c Lb. $1.50.

176. **Florida Favorite.** An oblong melon, with dark green skin faintly striped with lighter green, deep red flesh of excellent flavor. One of the best table sorts. Not a good shipper. Ripening 80 days. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 50c.



Bolgiano's Imperial Dwarf Short Podded Okra

245. **Tom Watson Watermelon.** A large, oblong melon, dark green rind. Rind is thin but tough. Flesh deep red, tender, firm and sweet. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c. Postpaid.

381. **"Excel"—The New Watermelon.** A long, green melon. Handsome in appearance and far surpasses the Tom Watson. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

178. **Georgia Rattlesnake or Striped Gypsy.** Shape oblong, of light green color and beautifully mottled and striped with a light shade; flesh scarlet, rind thin, very solid, and both sweet and delicious. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

192. **Kleckley's Sweet.** Oblong, dark green. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

31. **Halbert Honey.** Average 18 to 20 inches long, bluntly rounded at both ends. Skin dark green. Flesh a beautiful, rich crimson, sweet and luscious, ripens to the rind. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 60c.

173. **Coles Early.** Strictly a home market melon, almost round in shape. Rind light green, striped with broad bands of dark green. Flesh bright red, crisp and delicate texture. Ripening 80 days. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 50c.

181. **Alabama Sweet.** Good size, very uniform, long, dark green skin, red flesh. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 50c.

406. **Irish Gray Watermelon.** The size is uniform and large. Color of rind gray. Ripens earlier than Tom Watson and will keep in good condition for a long time after picking. Very prolific and a good shipper. A fine market sort. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

430. **Tuxedo Watermelon.** A large, uniform fruited variety of superior quality. Weight from 40 to 50 pounds. Skin light green with broad stripes of dark green. Deep blood-red flesh, very sweet and tender. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

Citron

552. **Colorado Preserving.** A large, fruiting Citron for preserving. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 65c.

516. **Red Seeded Citron.** Fruit round and handsome. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

Nasturtium

Nasturtium of all varieties are useful for furnishing tender seed-pods which make delicious pickles. The seeds for pickling should be gathered while green and with a portion of the stem attached. Pick them over and place in a jar until filled; then cover them with cider vinegar that has been brought to the boil and is still warm, to keep for Winter use.

Dwarf Mixed. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. Lb. 75c.

Tall Mixed. Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 20c. Lb. 60c.

We Pay Postage on Pkts., Ozs. and ¼ Lbs. Only

Okra, or Gumbo

1 Oz. to 40 Feet of Drill
10 Lbs. to Acre
Parcel Post Rates, see Page 2

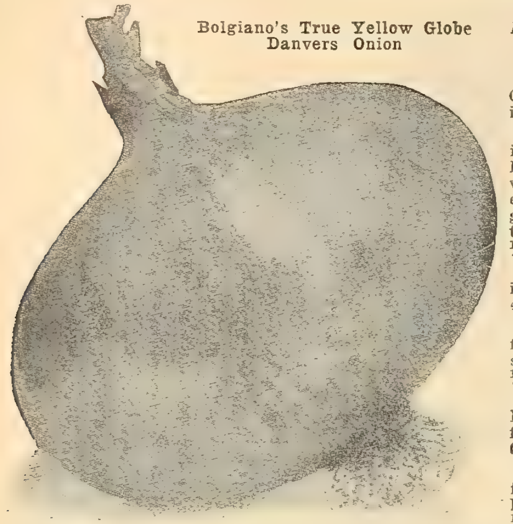
198. **Perkin's Mammoth Long-Podded Okra.** Pods shoot out from the stalk within three inches of the ground and the whole plant is covered with them to its extreme height. Pods are an intense green color, 9 to 10 inches long, very slim and do not get hard. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. Lb. 40c.

201. **Bolgiano's Imperial Dwarf Short-Podded Okra.** It has a dwarf, shapely, dense pod, of an attractive pea-green color. The flavor is exceptionally rich. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. Lb. 40c.

199. **Dwarf Green Prolific Density Okra or Gumbo.** Its green pods impart fine flavor and consistency to soups and stews, besides being palatable when stewed and served as a dish of Asparagus. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. Lb. 40c.

200. **White Velvet Okra.** The pods of this distinct and beautiful new Okra are much longer, perfectly smooth, never prickly. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. Lb. 40c.

202. **Lady Finger Okra.** The plants produce long, tender pods of fine, round form, white and smooth. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. Lb. 40c.



Bolgiano's True Yellow Globe Danvers Onion

Pkts., Ozs. and ¼ Lbs. Delivered Free
Parcel Post Rates, see Page 2

Onion

OIGNON
Cebolla
Zwiebel

1 Oz. to 100 Feet of Drill
4 to 5 Lbs. to the Acre

By sowing seed of the Spanish type. such as the Prizetaker, Southport Globes, Pearl or Queen and Bermuda Onions, under glass in January, February or even March, and transplanting in April to open ground 3 to 4 inches apart in the rows, bulbs of immence size may be produced.

214. **White Silver Skin Onion.** This superior stock is almost exclusively used for growing sets, which is the strongest proof that it is the best from which to grow large white Onions. Its delicate, mild flavor, stately form, large, handsome size, pure white color, make it a most wonderful variety for the table, the most profitable for market and shipping. Plants are of an extremely thin neck and sure to ripen early. Bulbs perfect in form, quite thick through, fine grained, crisp and mild. Bulbs should be harvested as soon as ripened and dried in the shade to preserve their silvery white skin. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 45c. ½ Lb. 80c. Lb. $1.50.

205. **Mammoth Prizetaker Onion. True American Seed.** Immense size, 12 to 18 inches in circumference, bright straw color, flesh white. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 45c. ½ Lb. 80c. Lb. $1.50.

344½. **Southport White Globe.** A large, globe-shape Onion; firm, fine grained, of mild flavor; keeps well. This is one of the handsomest Onions grown, of beautiful shape, clear white skin, and commands the highest market price. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 45c. ½ Lb. 80c. Lb. $1.50.

575. **Southport Large Yellow Globe.** Produces bulbs more perfectly globe-shaped and larger than Globe Danvers, but later in ripening; excellent keeper; easily grown from seed the first year, has a beuatiful, pale, straw colored skin; heavy cropper, large size. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 30c. ¼ Lb. 50c. ½ Lb. 95c. Lb. $1.75.

576. **Southport Large Red Globe Onion.** Produces large, handsome, globe-shaped bulbs from the seed the first season; are excellent keepers; have glossy, purplish skin; mature little later than Red Wethersfields. Fine grained, mild and tender. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 40c. ½ Lb. 70c. Lb. $1.25.

213. **Mammoth Silver King.** Bulbs of attractive form, flattened, but thick through; average diameter 5 to 7 inches; single bulbs often weigh 2 to 3 pounds; skin is a clear, silvery white; flesh snow white, sweet and tender. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 45c. ½ Lb. 80c. Lb. $1.50.

210. **Extra Early Pearl, White Queen, or Barletta Onion.** Enormous size; grows full-size roots from seeds the first season; skin pure white, waxy color, flesh snowy white, delicate and tender. Often grows 6 inches in diameter and weighs 3 pounds; valued as a very early sort. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 40c. ½ Lb. 70c. Lb. $1.25.

511. **Large White Portugal.** The standard, large, flat variety. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 45c. ½ Lb. 80c. Lb. $1.50.

536. **Bolgiano's Yellow Dutch or Strassburg.** Grows round, plump sets. Skin a bright attractive straw color. Full-sized Onions are flattened; mild flavor, excellent keepers and shippers. Very productive. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 40c. ½ Lb. 70c. Lb. $1.25.

206. **Yellow Globe Danvers Onion. Bolgiano's True Stock.** Handsome form, very thick bulb, small neck; very early, enormous cropper; keeps perfectly, of large size, solid and heavy; safest, surest keeper. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 50c. ½ Lb. 90c. Lb. $1.65.

212. **Red Wethersfield Onion.** The most beautiful, large, handsome, globe-shaped red Onion. Perfect form, skin deep, polished red; flesh purplish white; fine grained; produces enormous Onions. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 40c. ½ Lb. 70c. Lb. $1.25.

Bermuda Onions—Genuine Teneriffe Grown

577. **White Bermuda Onion, Teneriffe.** It is oval in shape, of a white color; quite early, very solid, does not skin in transportation and keeps better than any other foreign variety. It is of a mild and delicate flavor. It produces full grown Onions from seed the same season. In the South, seed sown in the Fall will produce fine, large Onions for market in early Spring. Pkts. 5c and 10c. Oz. 20c. 2 Ozs. 30c. ¼ Lb. 55c. ½ Lb. $1.05. Lb. $1.85.

578. **Crystal Wax-Onion, Teneriffe.** The newest and best, pure crystal white wax Bermuda Onion that has ever been developed. Pkts. 5c and 10c. Oz. 25c. 2 Ozs. 50c. ¼ Lb. 80c. ½ Lb. $1.50. Lb. $2.75

Onion Sets

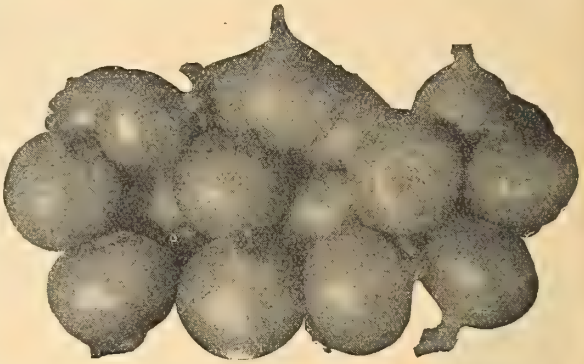
Prices given below are those ruling when this catalog goes to press and are subject to market changes. Write for Special Prices when ready to buy. We give a weight bushel of 32 pounds.

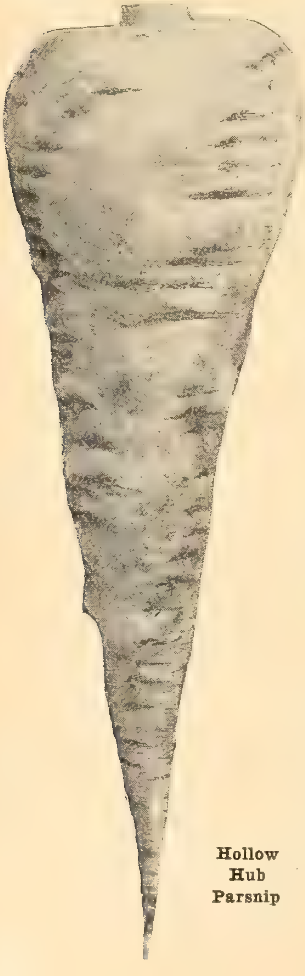
By mail, add 10c per quart. Plant in drills 12 inches apart, and 4 inches in the rows. Must have high culture.

White Silver Skin Onion Sets. Grown from our choice strain of White Silver Skin or Portugal Onion Seed. Pt. 15c. Qt. 25c. ½ Pk. 70c. Pk. $1.15. Bu. $4.00.

Large Red Wethersfield. Choicest recleaned. Grown from seed of our celebrated strain of Red Wethersfield Onion. Pt. 15c. Qt. 25c. ½ Pk. 65c. Pk. $1.00. Bu. $3.50.

Yellow Danver Onion Sets. Choice recleaned. Grown from our choice strain of Yellow Strasburg or Dutch Onion Seed. They will produce handsome, well ripened bulbs of large size quite early in the Summer. Pt. 15c. Qt. 25c. ½ Pk. 65c. Pk. $1.00. Bu. $3.50.





Hollow Hub Parsnip

One Ounce to 100 Feet of Drill
5 to 6 Pounds for the Acre

Parsnip

PANAIS
Chirija
Paſtiſken

Parcel Post Rates, see Page 2

219. **Bolgiano's Hollow Hub Parsnip.** The very best of all Parsnips, it is unequalled. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

220. **Hollow Crown Sugar Parsnip.** Is fine grained, true hollow crown; has thick shoulders, tapers symmetrically to a single tap root. Are easily gathered; heavy croppers; roots run uniformly smooth, with fine-grained flesh, and good quality. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 40c.

569. **Guernsey.** (Improved Half Long.) A greatly improved strain. The roots do not grow as long as the Hollow Crown, but are of greater diameter and more easily gathered. A heavy cropper. The roots are very smooth; the flesh is fine grained and of most excellent quality. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 40c.

1 Oz. will sow 200 feet of Drill
6 Lbs. to the Acre

Parsley

PERSIL
Perijil
Pet

221. **Bolgiano's New Green Mountain Triple Parsley.** Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

222. **Market Gardeners' Best Triple Curled Parsley.** Very handsome; plants are of a robust and free growth and it is improved by severe cutting; leaves large, beautifully curled; very dark green, stands the heat, drought and cold. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

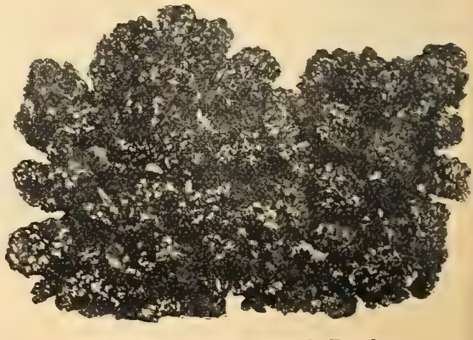
223. **Extra Dark Champion Moss Curled Parsley.** The large, moss, curled leaves are of a rich, dark green color and very productive. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

541. **Fine Double Curled Parsley.** Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

540. **Extra Curled Dwarf or Emerald.** Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

224. **Plain or Single Parsley.** Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

Hamburg Rooted. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 40c.



New Green Mountain Triple Parsley

Finest Hand Picked Samples
First-Class Selected Stocks
Parcel Post Rates, see Page 2

Peas

We Pay Postage on 5c and 10c
Packages of All Seed Peas

One quart will plant about 100 feet of drill. One and one-half to two bushels for an acre.

☞**Those Marked with a Star** (*) are wrinkled marrows, and unless otherwise stated should be sown thicker than the round Peas, and not until the ground has become warm, as they are more liable to rot. They are the finest flavored of all Peas.

Extra Early Dwarf Varieties

1048. **" EARLY BIRD," Bolgiano's New Early Large Pod Pea.** (Specialty, see page 6.) A very early, hardy, large podded, 2 to 2½-foot Pea. Can be pulled as early as Pilot with pods double the size. A robust grower, heavy cropper, 9 to 10 Peas in a pod. Can be sown with safety as soon as the ground can be worked. Pkt. 10c. ½ Lb. 25c. Lb. 40c. 2 Lbs. 75c. 10 Lbs. $3.50. 25 Lbs. $8.00. 100 Lbs. $30.00.

1218. *** " 100 Per Cent Profit " Peas.** Earlier, dwarfer, more prolific, more delicious than either the Gradus or the Thomas Laxton Pea. It is a wonder. Try it. Lb. 28c. 2 Lbs. 56c. 10 Lbs. $2.50. 25 Lbs. $6.00. 100 Lbs. $22.00.

1261. **Little Marvel Peas.** Dwarf, even growth, 15 in. high. Heavily set with fine pods and frequently borne in pairs. Ready for table fully as early as American Wonder. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1081. *** American Wonder.** It is of dwarf and robust habit, 10 to 15 inches high, and produces a profusion of good sized and well-filled pods of finest flavor. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. $2.10. 25 Lbs. $5.00. 100 Lbs. $18.00.

1084. *** Extra Early Premium Gem.** Early, large, well-filled, straight pods. Height 1 foot. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. $2.10. 25 Lbs. $5.00. 100 Lbs. $18.00.

1196. *** McLeon's Little Gem.** Very early; prolific; delicious flavor. Height 1¼ feet. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. $2.10. 25 Lbs. $5.00. 100 Lbs. $18.00.

1080. *** Nott's Excelsior Pea.** The very best, short vine, wrinkled, extra early Pea. Vines are more vigorous and taller than the American Wonder, and the pods are one-third larger, containing often 6 to 8 large Peas very close together, and for sweetness and quality has no equal. Height 1 foot. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. $1.90. 25 Lbs. $4.50. 100 Lbs. $16.00.

1203. *** Sutton's Excelsior.** As early as American Wonder, with much larger pods and more prolific. Height 1 foot. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1230. *** Tom Thumb or Blue Peter Peas.** Popular, very dwarf, prolific Pea. Height 1 foot. Pkt. 10c. Lb. 18c. 2 Lbs. 36c. 10 Lbs. $1.50. 25 Lbs. $3.50. 100 Lbs. $12.00 .

Laxtonian Peas. Pkt. 10c. Lb. 30c. 2 Lbs. 60c. 10 Lbs. $2.70. 25 Lbs. $6.50. 100 Lbs. $24.00.

Extra Early Varieties

1295. **Bolgiano's " Morning Glory " Pea.** New 1920 creation. (Specialty, see page 9.) The earliest of all round seeded varieties. Pkt. 10c. ½ Lb. 20c. Lb. 35c. 2 Lbs. 65c. 10 Lbs. $3.00. 25 Lbs. $6.75. 100 Lbs. $25.00.

1289. **Pilot Peas.** As early as the best selected, small, smooth seeded extra earlies. Pods and Peas are nearly as large as those of the Gradus and produced three days earlier. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1087. **New Long Podded Alaska Pea.** We recommend this new Pea as the greatest money making Pea that has been introduced since we first put out the Wonder Worker Pea. Be sure to give it a trial. Height 2½ feet. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. $1.90. 25 Lbs. $4.50. 100 Lbs. $16.00.

1029. **The Hustlers.** Bolgiano's new, extremely early, handsome green podded Peas. Height 2½ feet. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. $2.10. 25 Lbs. $5.00. 100 Lbs. $18.00.

1088. **New Extremely Early Prolific Bolgiano's " GOOD LUCK " Peas.** Crop very short this year. Height 2½ feet. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. $1.90. 25 Lbs. $4.50. 100 Lbs. $16.00.

1071. **Bolgiano's Extra Early Alaska Peas.** By careful selection and thorough rogueing we have a fine stock that is unequaled. Height 2½ feet. Pkt. 10c. Lb. 18c. 2 Lbs. 36c. 10 Lbs. $1.50. 25 Lbs. $3.50. 100 Lbs. $12.00.

1070. **Bolgiano's Extra Early Triumph Peas.** Our standard market garden extra early Pea. Height 2½ feet. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. $1.90. 25 Lbs. $4.50. 100 Lbs. $16.00.

1201. **Pedigree Extra Early.** Also known as " The New Early Pea." Extremely early, wonderfully productive and exceptionally uniform stock. Height 2½ feet. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. $1.90. 25 Lbs. $4.50. 100 Lbs. $16.00.

1082. **Bolgiano's Extra Early Nonpareil Peas.** Entire crop can be had at one picking. The beautiful green pods retain color and freshness longer than other sorts. Height 2½ feet. Pkt 10c. Lb. 18c. 2 Lbs. 36c. 10 Lbs. $1.50. 25 Lbs. $3.50. 100 Lbs. $12.00.

1016. **Ameer Peas.** An exceptionally profitable Early Pea. Green seed. Height 2½ feet. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. $1.90. 25 Lbs. $4.50. 100 Lbs. $16.00.

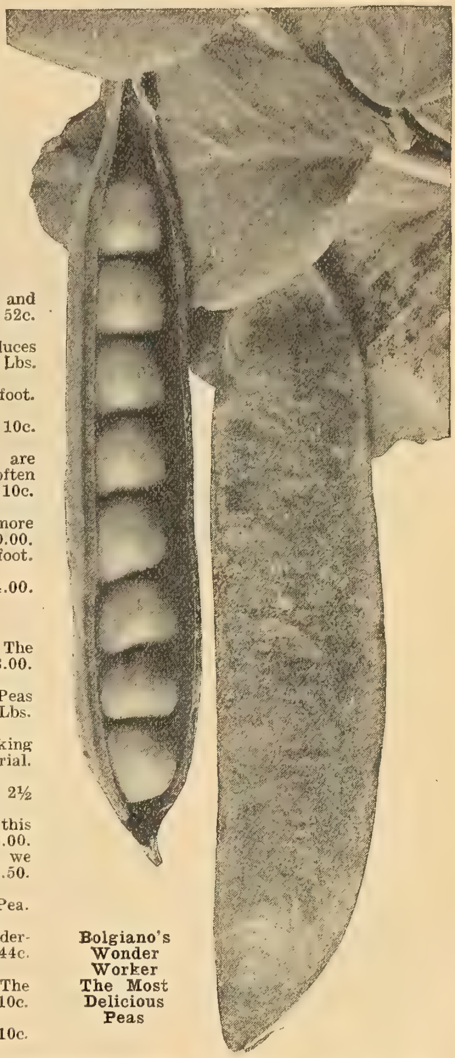
1260. **Bountiful Peas.** Bears an abundance of beautiful, green pods, crowded with delicious Peas. Extremely early. Height 2½ feet. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. $1.90. 25 Lbs. $4.50. 100 Lbs. $16.00.

1202. **Prolific Early Market.** Not quite so early as the Pedigree, but the most productive of all the Extra Early Peas. Beautiful large pods, fine quality, one of the best Peas ever introduced. Height 2½ feet. Pkt. 10c. Lb. 21c. 2 Lbs. 42c. 10 Lbs. $1.80. 25 Lbs. $4.25. 100 Lbs. $15.00.

1073. **Extra Early Morning Star Peas.** Many of our largest customers use this Pea, and it gives satisfaction. Height 2½ feet. Pkt. 10c. Lb. 18c. 2 Lbs. 36c. 10 Lbs. $1.50. 25 Lbs. $3.50. 100 Lbs. $12.00.

1074. **First and Best.** First-class selected strain of extra early earlies. Height 2½ feet. Pkt. 10c. Lb. 18c. 2 Lbs. 36c. 10 Lbs. $1.50. 25 Lbs. $3.50. 100 Lbs. $12.00.

1200. **Philadelphia Extra Early.** Resembles the First and Best. Height 2½ feet. Pkt. 10c. Lb. 18c. 2 Lbs. 36c. 10 Lbs. $1.50. 25 Lbs. $3.50. 100 Lbs. $12.00.



Bolgiano's Wonder Worker The Most Delicious Peas

1072. *** Gradus, or Prosperity Peas.** Gradus is in condition to pick about 4 days after our Early Triumph. The pods are large, well filled with deep green Peas of the finest quality. Height 3 feet. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1077. *** Improved Sugar Marrowfat Pea.** Luxurious growth and abundant, large and handsome pods. Height 3 feet. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. $1.90. 25 Lbs. $4.50. 100 Lbs. $16.00.

1075. **Rural New Yorker.** Fine shape; prolific, extra early. Pkt. 10c. Lb. 20c. 2 Lbs. 40c. 10 Lbs. $1.70. 25 Lbs. $4.00. 100 Lbs. $14.00.

1078. *** Thomas Laxton.** A cross between Gradus and one of the extra early sorts. It ripens within a day or two of the earliest round varieties. Height 1 foot. Pkt. 10c. Lb. 28c. 2 Lbs. 56c. 10 Lbs. $2.50. 25 Lbs. $6.00. 100 Lbs. $22.00.

1083. *** Bolgiano's Wonder Worker Pea. Earliest Extra Early Wrinkled Pea.** Most profitable for growers. Pkt. 10c. Lb. 28c. 2 Lbs. 56c. 10 Lbs. $2.50. 25 Lbs. $6.00. 100 Lbs. $22.00.

Second Early and General Crop Varieties

1277. *** Bolgiano's " New Victory " Pea.** New 1920 creation. (Specialty, see page 7.) Beautiful dark green pods 5½ to 6 inches long, filled full of delicious large Peas. Pkt. 10c. Lb. 31c. 2 Lbs. 62c. 10 Lbs. $2.80. 25 Lbs. $6.75. 100 Lbs. $25.00.

1089. *** Bolgiano's " CRACKER JACK " Pea.** Height 2½ feet. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. $2.10. 25 Lbs. $5.00. 100 Lbs. $18.00.

1231. *** Horsford's Market Gardeners' Pea.** One of the largest yielding second early Peas in cultivation. Only 2 feet high. The pods are borne in pairs. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. $1.90. 25 Lbs. $4.50. 100 Lbs. $16.00.

1090. *** Dwarf Giant Podded Prolific Green Marrow Pea.** Bears enormous, handsome pods 7 to 8 inches in length, filled with large deep green Peas; requires no support. Height 2 feet. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. $2.10. 25 Lbs. $5.00. 100 Lbs. $18.00.

1092. *** Shropshire Hero.** Very productive; fine flavor; long pods. Height 2½ feet. Pkt. 10c. Lb. 20c. 2 Lbs. 40c. 10 Lbs. $1.70. 25 Lbs. $4.00. 100 Lbs. $14.00.

1093. *** Champion of England.** A well-known, standard variety. Height 5 feet. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. $1.90. 25 Lbs. $4.50. 100 Lbs. $16.00.

1218½. **Alderman.** (Admiral Dewey.) Extra large, dark green pods, on order of Duke of Albany. Very fine. Height 4 feet. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1085. *** Telephone Improved.** Robust habit. A single vine produces 18 to 30 unusually long well-filled pods of larger size, containing 10 to 12 Peas, often forming a double row, of fine flavor. Height 5 feet. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1301. **Market Surprise.** A little later than the Pedigree. Prolific yielder. Beautiful light green color. Pods about three inches long containing from seven to eight Peas of most delicious flavor. Excellent for market and shipping. Lb. 22c. 2 Lbs. 44c. 10 Lbs. $1.90. 25 Lbs. $4.50. 100 Lbs. $16.00.

1302. **Potlatch Peas.** An excellent market garden Pea bearing an abundance of large pods filled full of delicious beautiful green Peas. Lb. 24c. 2 Lbs. 48c. 10 Lbs. $2.10. 25 Lbs. $5.00. 100 Lbs. $18.00.

1102. *** Everbearing.** A long time in bearing. Peas large, pods long, 1½ feet high. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. $2.10. 25 Lbs. $5.00. 100 Lbs. $18.00.

1086. *** Daisy, or Dwarf Telephone.** Plants stout, self-supporting, heavy cropper. Height 1½ feet. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1094. *** Dwarf Champion.** A dwarf growing Champion of England. Height 2 feet. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. $2.10. 25 Lbs. $5.00. 100 Lbs. $18.00.

1098. *** Juno.** 2 feet high. Large pods filled with large dark green Peas of delicious flavor. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. $2.10. 25 Lbs. $5.00. 100 Lbs. $18 00.

1100. *** Duke of Albany.** 4 feet high. Dark green pods, prolific. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1199. *** Edible Podded or Sugar Peas. Melting Sugar.** Dwarf; broad pods, which are so brittle that they snap without any string. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. $2.30. 25 Lbs. $5.50. 100 Lbs. $20.00.

1110. *** Stratagem.** Very large pods. Peas of finest quality Height 1½ feet. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. $2.10. 25 Lbs. $5.00. 100 Lbs. $18.00.

Spray This Crop with Pyrox

Northern Grown Seed Potatoes

Bolgiano's Pure Stock Irish Cobbler Seed Potatoes

POMME DE TERRE *Patatas* Kartoffeln

ALL POTATO PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Prices named below are based on the Potato Market at the time this catalog goes to press. We advise writing for prices when you are ready to buy, there no doubt will be a change. We answer all inquiries same day received.

Culture. Any good, well drained, fibrous loam will produce Potatoes under right climatic conditions. Open furrows 3 feet apart and 3 to 4 inches deep. Apply the fertilizer, and run the furrower or small plow again in the furrow to mix the fertilizer with the soil and leave a mellow seedbed. Then plant good-sized pieces, each containing not less than 2 or 3 eyes, 15 inches apart in the furrows for early Potatoes, and 18 inches apart for late ones. Cultivate often. Spray with Bordeaux Arsenate of Lead Mixture as a protection from flea beetle, Potato beetle and blight. 8 to 10 bushels will plant an acre.

Trust Buster. Bolgiano's Wonderful, New, Prodigious Yielding, Early Seed Potatoes. Pk. $1.25. ½ Bu. $1.90. Bu. $3.75. Bbl. sack $9.00.

Plucky Baltimore. The best and earliest Potato on earth. Without an equal. Pk. $1.25. ½ Bu. $1.90. Bu. $3.75. Bbl. sack $9.00.

Gray's Mortgage Lifter Seed Potato. An enormous yielder, second early Potato with no culls. Pk. $1.25. ½ Bu. $1.90. Bu. $3.75. Bbl. sack $9.00.

Bolgiano's Famous Prosperity Potato. Yields fine crops of even, fine, smooth, large Potatoes under the most unfavorable circumstances. Flesh is as white as snow and cooks dry and mealy. Pk. $1.25. ½ Bu. $1.90. Bu. $3.75. Bbl. sack $9.00.

Carmon No. 3. Most successful of the Carmon's; heavy yielder. Pk. $1.00. ½ Bu. $1.85. Bu. $3.50. Bbl. sack $8.50.

Maine Houlton Early Rose. The genuine Early Rose still remains the standard early variety. Pk. $1.00. ½ Bu. $1.85. Bu. $3.50. Bbl. sack $8.50.

Irish Cobbler. It is a vigorous grower, ripens uniformly, and a good keeper. Pk. $1.00. ½ Bu. $1.85. Bu. $3.50. Bbl. sack $8.50.

Red Bliss Triumph or Improved Red Bermuda. One of the earliest varieties grown. Its great productiveness, handsome color and resistance to disease make it most popular. Pk. $1.00. ½ Bu. $1.85. Bu. $3.50. Bbl. sack $8.50.

Early Ohio. One of the standard early varieties. Full week earlier than the Early Rose; shape oblong; quality dry, mealy. Pk. $1.00. ½ Bu. $1.85. Bu. $3.50. Bbl. sack $8.50.

American Giants. One of the most popular of the new heavy yielding Potatoes. Pk. $1.00. ½ Bu. $1.85. Bu. $3.50. Bbl. sack $8.50.

McCormack Potatoes. A very late, heavy yielding Potato, about the best of all Winter keepers. Pk. $1.00. ½ Bu. $1.85. Bu. $3.50. Bbl. sack $8.50.

Burbank Seedling. An old standard, popular on account of its fine eating quality. Pk. $1.00. ½ Bu. $1.85. Bu. $3.50. Bbl. sack $8.50.

Crown Jewel. Maine grown, good drought resister, good keepers, white, pink end, early. Pk. $1.00. ½ Bu. $1.85. Bu. $3.50. Bbl. sack $8.50.

Beauty Hebron. Splendid keeper, pink, turning to pure white, early, productive. Pk. $1.00. ½ Bu. $1.85. Bu. $3.50. Bbl. sack $8.50.

Spalding No. 4, Extra Early Rose XX. Earliest Rose Potato in the world, good cropper, fine appearance. Pk. $1.00. ½ Bu. $1.85. Bu. $3.50. Bbl. sack $8.50.

Ensign Bagley or White Rose. An excellent cropper, smooth, not susceptible to disease. Pk. $1.00. ½ Bu. $1.85. Bu. $3.50. Bbl. sack $8.50.

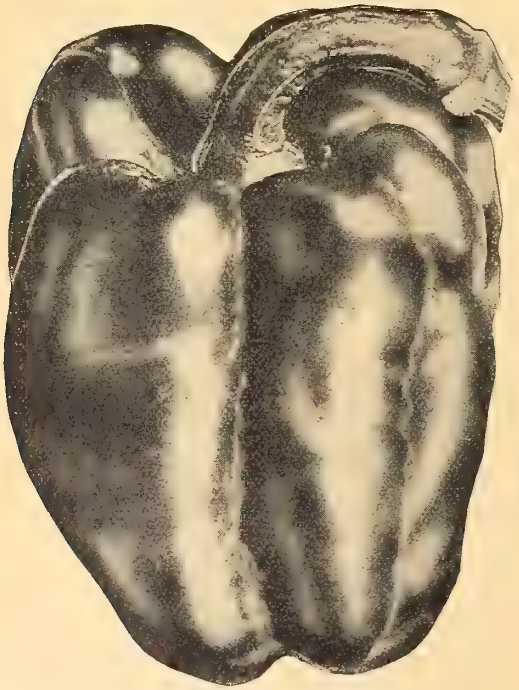
Early Round Six Weeks. Ready for table in six weeks. Pk. $1.00. ½ Bu. $1.85. Bu. $3.50. Bbl. sack $8.50.

Henderson's Early Bovee. Pk. $1.00. ½ Bu. $1.85. Bu. $3.50. Bbl. sack $8.50.

Sir Walter Raleigh. Big cropper, flesh white, superior quality, fine grained. Pk. $1.00. ½ Bu. $1.85. Bu. $3.50. Bbl. sack $8.50.

Green Mountain. A very popular main crop Potato. Pk. $1.00. ½ Bu. $1.85. Bu. $3.50. Bbl. sack $8.50.

Rural New Yorker. Second early, large, smooth, white, wide as long, very productive. Pk. $1.00. ½ Bu. $1.85. Bu. $3.50. Bbl. sack $8.50.



Bolgiano's Selected Ruby King Pepper

Pkts., Ozs. and ¼ Lbs. Delivered Free

Pepper

PIMENT *Piemiento* Pfeffer

Parcel Post Rates, see Page 2

Culture. Sow in hotbeds in March, and when the soil has become warm, set in rows 2 feet apart and 18 inches in the row; hoe frequently; the plants may also be forwarded in small pots.

163. **Scarlet Mammoth, Bolgiano's New Early Pepper.** Much earlier and more prolific than the Chinese Giant. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 30c. ¼ Lb. $1.00. ½ Lb. $1.90. Lb. $3.50.

226. **Chinese Giant.** Pkts. 5c and 10c. ½ Oz. 15c. Oz. 30c. ¼ Lb. 85c. ½ Lb. $1.60. Lb. $3.00.

396. **World Beater.** Pkts. 5c and 10c. ½ Oz. 20c. Oz. 30c. 2 Ozs. 55c. ¼ Lb. $1.00. ½ Lb. $1.90. Lb. $3.50.

233. **New Neapolitan.** Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c. 2 Ozs. 45c. ¼ Lb. 75c. ½ Lb. $1.35. Lb. $2.50.

227. **Ruby King Peppers. Extra Selected Stock.** Recognized as one of the best Red Peppers for market or family use. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 30c. ¼ Lb. 85c. ½ Lb. $1.60. Lb. $3.00.

562. **Sweet Bull Nose.** Pkts. 5c and 10c. Oz. 30c. ¼ Lb. 85c. Lb. $3.00.

229. **Sweet Mountain.** Flesh very thick and mild. Pkts. 5c and 10c. Oz. 30c. ¼ Lb. 85c. Lb. $3.00.

560. **True Red Chili.** Not as long or thick as Cheyenne. Pkts. 5c and 10c. Oz. 30c. ¼ Lb. 85c. Lb. $3.00.

561. **Long Red Cheyenne.** For pickling. Pkts. 5c and 10c. Oz. 30c. ¼ Lb. $1.00. Lb. $3.50.

563. **Red Cherry.** Pkts. 5c and 10c. Oz. 30c. ¼ Lb. $1.00. Lb. $3.50.

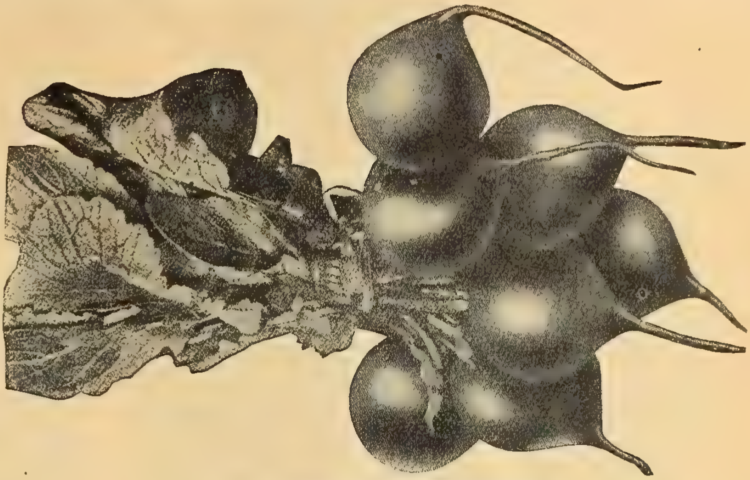
485. **Pimento Pepper.** Pkts. 5c and 10c. Oz. 30c. ¼ Lb. 85c. Lb. $3.00.

Radish

RADIS ET RADE
Rabanos y Rabanitos
Radies und Rettich

Pkts., Ozs. and ¼ Lbs. Delivered Free. Parcel Post Rates, Page 2. 2 Ozs. to 100 Feet of Drill

Culture. Sow as soon as the ground is dry in the Spring, in rows 8 to 12 inches apart, every week or 10 days for succession, up to the middle of June, after which they are little used, unless a cool northern spot can be found where the ground is shaded during part of the day. They should be sown in light, rich soil, as a crisp Radish cannot be produced in heavy soils. Sow also in early Fall for late crops and Winter use. Sow 8 to 12 pounds to the acre. Radishes should be eaten when quite small; it is a mistake to let them grow too long and too large. This applies particularly to Ruby King and small turnip-shaped sorts.


Early Round Scarlet Globe Radish

Extra Early Round Varieties

9. **Tip Top White Tip.** The beautiful New Extremely Early Radish. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 65c.

258. **Strawberry Radish.** This is the extremely early round Radish that attracted so much attention when we first introduced it by sample packages to our Market Garden customers. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

230. **Ruby King, Bolgiano's Extra Early Radish.** The best of all brilliant red Radishes. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

238. **Bolgiano's Round Scarlet Globe Radish.** Rich, scarlet color, faultless shape, matures in 20 days. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

241. **Vick's Scarlet Globe Radish.** A leader among bright, round, red Radishes. Quick maturing, extremely attractive, short tops, solid and fine flavor. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. Lb. 60c.

232. **Lexington Market Money Maker.** The best early, round, white, turnip Radish. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. Lb. 50c.

240. **Crimson Giant Globe Radish. Originator's Stock Seed.** This is an entirely new variety, suitable for forcing or early outdoor planting. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

231. **Felton's Model or Philadelphia White Box Radish.** Handsome and early, with fewer short leaves, hence can be sown thickly in the row. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

509. **Prussian Globe Radish.** It is a GLOBE shape of a crimson color, short top and will stand forcing. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

248. **Bolgiano's Solid Crimson King.** Double the size of the ordinary early turnip-shaped Radishes, this one often measuring 6 to 7 inches in circumference; the shape varies between round and oval; adapted for either open ground or forcing. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 65c.

239. **Scarlet Turnip White Tip Radish.** Round, bright scarlet, attractive white tip, matures in 25 days. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

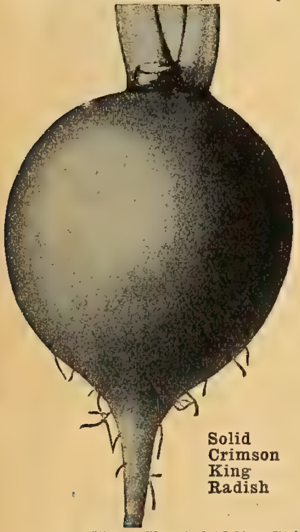
538. **Rosy Gem.** Everybody wants this pretty, crisp, tasty little French Radish, so showy with its brilliant cardinal red, contrasted with its immaculate white. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. Lb. 50c.

500. **Early Snowball. Forcing White Turnip Radish.** Earliest, round, white, solid. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. Lb. 60c.

235. **French Breakfast Radish.** Quick growth, mild, tender, good for forcing. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. Lb. 60c.

246. **Tait's Favorite Forcing Extra Early Radish.** For forcing under glass. It is also largely used for field culture. Perfect both in shape and color, the skin being a bright, transparent red, and many bunches may be put in a single package. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. Lb. 60c.

370. **New Sparkler White Tip Red Radish.** Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 65c.


Solid Crimson King Radish

Early Long Varieties

255. **Improved Early Long Scarlet Short Top.** The finest strain of the most popular Radish. The long, slender, handsome red roots are most attractive. They are ready in about 25 days. Crisp, brittle and of choicest quality. Length 5 to 6 inches. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

250. **Bolgiano's New Long Red Glass Radish.** Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

252. **Cincinnati Market.** A strain of the Long Scarlet, growing to slightly larger size, fully as early and darker in coloring. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

537. **Woods' Early Frame.** This is an extra early strain of the Long Scarlet Short Top, largely used for growing under glass. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

249. **White Pearl Forcing. Bolgiano's Extra Early Long Radish.** Sweet, crisp flavor, very popular and profitable. Pkts 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 70c.

257. **New White Icicle Radish.** Introduced from Europe, is one of the finest and longest of the very early, pure white varieties. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 70c.

253. **Lady Finger or White Vienna.** Long white, very early, attractive. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 70c.

557. **Half Long Deep Scarlet.** Very popular in the New Orleans Market. The radishes are of slightly larger diameter and most brilliant scarlet coloring. Flesh purest white, crisp, juicy. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

Summer and Autumn Varieties

254. **New White Strasburg Radish.** The most popular Summer Radish; of oblong shape, tapering to a point. Skin and flesh are pure white, almost transparent; very tender, of a delightful pungent state. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 65c.

243. **Large White Globe Summer.** Deliciously mild and sweet. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. Lb. 60c.

244. **Giant White Stuttgart.** An immense white Summer Radish. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

247. **Chartier or Shepherd.** Long, crimson, tipped with white. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. Lb. 60c.

Winter Varieties

256. **New Short White Chinese Winter or Celestial Radish.** The best of all Winter Radishes. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

242. **Chinese Rose Winter.** Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

259. **Round White Spanish Winter.** Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

261. **Long White Spanish Winter.** Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 70c.

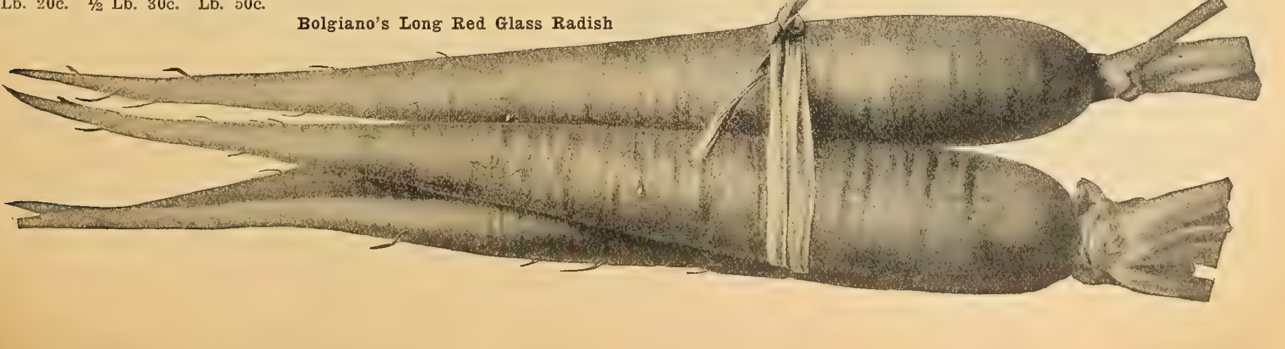
260. **New Winter Radish Osaka.** Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

263. **Long Black Spanish Winter.** Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 70c.

Rhubarb or Pie Plant

451. **Victoria.** A good market sort, stalks red. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

Bolgiano's Long Red Glass Radish



Pkts., Ozs. and ¼ Lbs. Delivered Free

Squash

Courge
Calabaz
Speiſe Kürbis

Parcel Post Rates, see Page 2
1 Oz. Bush Varieties for 40 Hills; Large Seeded Varieties, 15 Hills; 2 to 3 Lbs. Bush; 3 to 4 Lbs. Large Seeded per Acre

Culture. Sow in hills in the same manner and at the same time as Cucumbers and Melons, the bush varieties 3 to 4 feet apart, and the running kinds from 6 to 9 feet apart.

Bush Varieties

331. **Bolgiano's Extra Early Dawn Squash.** The earliest and finest white Bush Squash. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 30c. ½ Lb. 55c. Lb. $1.00.

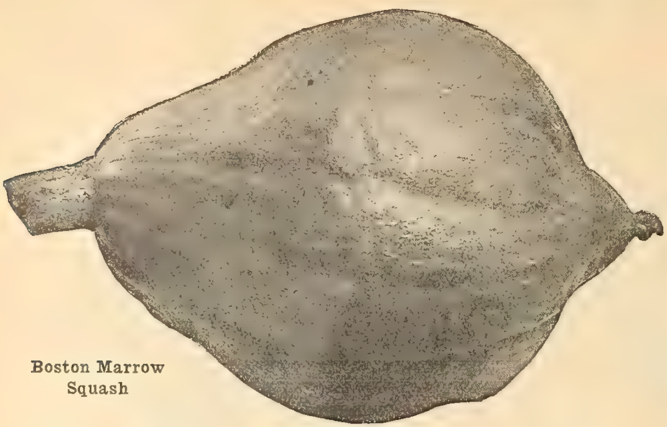
501. **New Extra Early Jersey White Bush.** An extra early strain of the White Bush. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. Lb. 75c.

265. **Extra White Bush Scalloped or Patty Pan Squash.** Good size, uniform, a heavy cropper, and early. The skin is white and the flesh fine grained and tender. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. Lb. 75c.

267½. **Mammoth White Bush Scalloped.** Frequently 12 to 14 inches in diameter. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. Lb. 85c.

211. **Mammoth Yellow Bush Scalloped or Golden Custard.** Similar to early Yellow Bush, but very much larger. A splendid variety, very prolific and a good seller. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. Lb. 75c.

269. **Golden Summer Crookneck Squash.** Of dwarf, bushy habit, very productive; skin yellow; flesh greenish-yellow color, dry and agreeable flavor. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.


Boston Marrow Squash

304. **Mammoth or Giant Summer Crookneck Squash.** Double the size of the ordinary Crookneck and very warty; fine for market. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 45c. Lb. 85c.

329. **Fordhook Bush.** Early, sweet and dry, oblong, bright yellow, one of the handsomest and best keeping Winter varieties, also a good Summer sort. Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 25c. Lb. 75c.

Running Varieties

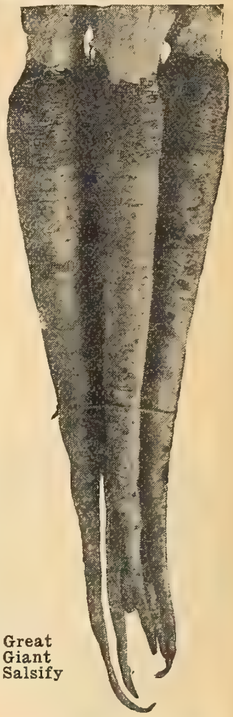
272. **Early Prolific Orange Marrow.** A very early, prolific Boston Marrow of most delicate flavor and uniform type. Suitable for Fall or Winter. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

273. **Boston Marrow.** Oval, bright orange, flesh yellow. Our stock is exceptionally fine. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

80. **The True Hubbard Squash.** Vines of strong running growth; fruits large, olive shape, with dark green skin, very rich flesh. An excellent keeper and of splendid quality. Our strain is extra fine. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. Lb. 85c.

330. **Chicago Warted Hubbard.** A superior strain of mammoth size with skin heavily warted. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

274. **Improved Winter Crookneck or Cushaw Squash.** Mottled green and white; flesh is yellow, solid, fine grained and sweet; excellent for pies. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 30c. ½ Lb. 55c. Lb. $1.00.


Great Giant Salsify

Pumpkins

Potiron
Calabaza
Große Kürbis

Culture. May be planted middle of Spring among Indian Corn or in field or garden, in hills 8 to 10 feet apart each way, 4 seeds in a hill; in other respects are cultivated in same manner as Melons and Cucumbers; avoid planting near other vines. 2 Lbs. to acre.

102. **King of the Mammoth or True Potiron.** The Great Prize Pumpkin growing the largest of all, from 100 to 200 pounds in weight, bright yellow, tender, excellent. Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 20c. Lb. 50c.

364. **Golden Oblong Pumpkin.** Produces oblong, bright, orange colored fruits of good size, with rich colored flesh. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. Lb 75c.

136. **Small Sugar Pumpkin.** Small orange colored, sweet. Pkt. 5c. Oz. 10c. ¼ Lb. 30c. Lb. 90c.

1069. **Connecticut Field or Large Yellow Pumpkin.** Excellent for stock feeding. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 50c.

1058½. **Kentucky Large Field.** Flat, fine for Pumpkin pies, Winter, etc. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. Lb. 45c.

225. **Sweet Potato Pumpkin.** Finest variety for table. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 60c.

365. **Winter Luxury.** A superior pie Pumpkin, small but enormously productive and an excellent keeper; shape slightly oval, about 10 inches in diameter, color golden-russet, finely netted; flesh deep golden, sweet and tender. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

402. **New England Pie or Sugar Pumpkin.** A small, round sort; very sweet, fine grained and of the best quality. Pkt. 5c. Oz. 10c. ¼ Lb. 30c. ½ Lb. 50c. Lb. 90c.

403. **Japanese Pie Pumpkin.** A large, crookneck sort. Skin green, striped yellow; flesh yellow and of fine quality. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 35c. ½ Lb. 65c. Lb. $1.15.

89. **Large Cheese Pumpkin.** Forms flat like a cheese; a sure cropper and extensively grown for canning. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

1 Oz. to 100 Feet of Drill.
10 to 12 Lbs. in Drills for an Acre.
25 to 35 Lbs. Broadcast for an Acre.

Salsify or Oyster Plant

Salsifis
Ostion Vegetal
Haferwurzel

Parcel Post Rates, see Page 2

Culture. Sow as early as the ground can be worked in the Spring, in drills 12 inches apart, 1 inch deep, and thin out to 6 inches to the row. Keep them free from weeds. Cultivate the same as Carrots and Parsnips. Sow 8 to 10 pounds to the acre. One ounce to 50 feet of drill.

504. **Large White.** Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

275. **Bolgiano's New "Great Giant" Salsify.** The largest, purest and best Salsify to grow. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. Lb. 75c.

276. **Sandwich Mammoth White Salsify.** Superior in quality, pure white color, very meaty and fine flavor. Our stock unusually good, grows so large and shapely. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

Spinach

Epinard
Espinaca
Spinat

1104. **Curled Leaf Savoy or Bloomsdale, Imported.** We grow many thousands of pounds of both the American and Imported seed each year. We believe our private stock is the choicest it is possible to produce. We solicit your orders. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c. 10 Lbs. at 50c Lb.

1106. **New Improved Curled Long Standing.** The very best for Spring. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 20c. Lb. 25c.

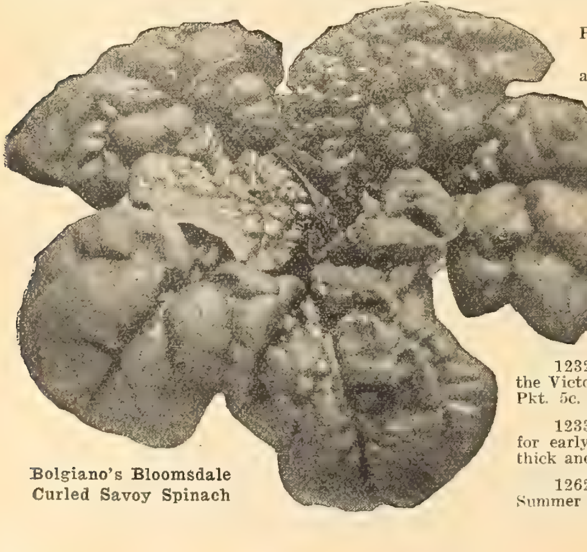
1107. **New Victoria Spinach.** The foliage is heavy, the broad, dark green leaves are of the finest quality. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 20c. Lb. 25c.

1105. **Curled Leaf Savoy or Bloomsdale. American Grown.** Large curled and wrinkled leaves, tender, finest flavor. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 60c. 10 Lbs. at 50c Lb.

1000. **Long Season Spinach.** This new variety is especially adapted for Summer sowing, as it remains in perfect condition a long time, before going to seed. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

1108. **Long Standing, Thick-Leaved Spinach.** Leaves are large, thick, fleshy and crumpled, fully equal to the Savoy Leaf. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 20c. Lb. 25c.

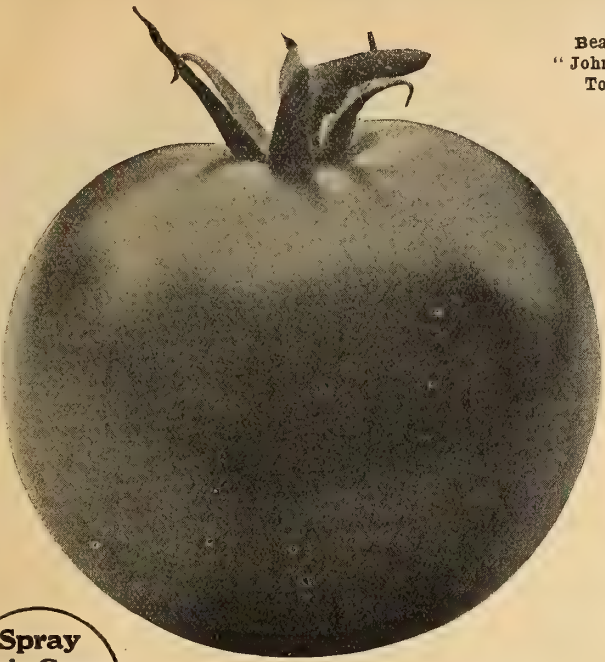
1109. **Monstrous or Viroflay.** A valuable variety; has large, round, thick leaves. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 20c. Lb. 25c.

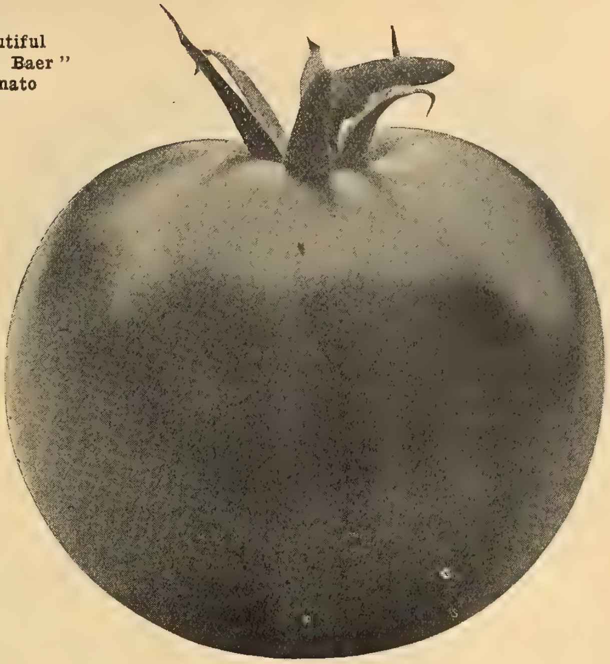

Bolgiano's Bloomsdale Curled Savoy Spinach

1232. **New Triumph Spinach.** This excellent new Spinach is nearly double the size of the Victoria and has all of its good qualities. Very profitable for market gardeners and shippers. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

1233. **Early Giant Thick-Leaved.** A new and superior Spinach, either sown in Spring for early Summer use or Fall for Winter use; plant compact, growing with short stemmed, thick and fleshy rich green leaves. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 20c. Lb. 25c.

1262. **New Zealand Spinach.** This variety endures heat and drought; excellent for Summer use. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.





Beautiful
"John Baer"
Tomato

Spray This Crop with Pyrox

We Pay Postage on Pkts., Ozs. and ¼ Lbs. Only

Tomato

Parcel Post Rates, see Page 2

French	*German*	*Italian*	*Spanish*
POMME D'AMOUR	LIEBESAPFEL	POMO D'ORO	TOMATE

Culture. Big crops can be had from a few Tomato Vines, not a garden should be without Tomato Plants. Well prepared soil is one of the secrets of growing good Tomatoes. First loosen the top soil 8 inches deep by turning it over same as a plow furrough, and before turning the top soil again, loosen the sub-soil 15 inches deep. Be careful not to turn the sub-soil to the top. If you are using a plow you should have a sub-soil plow to follow in the furrough of your top-soil plow. This is important as Tomatoes must have well drained soil to do their best, and the very best way to drain the soil is through the sub-soil. When the moisture is stored there, it will supply the plant with moisture during the long dry season that is likely to come.

Second. Seed that has been saved from selected stocks is very important to grow the kind of plants to set out. The seed should be sown in hotbeds or in the house March 1st. When the plants are 2 inches high transplant to 3 inch pots, as pot grown plants are the best. They are more prolific and will last longer when set out without disturbing the roots. The early varieties should be planted outdoors just as soon as danger of heavy frost is over, and cool nights should be protected by paper caps that can be easily made from old newspapers. There are several methods of handling the plant after they are planted out. Some plant 4 feet each way and allow the plants their own freedom, others plant 3 feet in rows and 18 inches in the row, and tie up to stakes. If this method is used the vine should be pruned to single stem. Well rotted manure worked through the soil will add to your yield. You cannot get the soil too rich for such varieties as the John Baer, Bolgiano and the Glory. One ounce of seed to 3,000 plants.

Red Tomatoes

460. **The "Bolgiano" Tomato. New 1920 Creation.** (Specialty, see page 3.) The most wonderful yielder ever known. Two weeks earlier than the Earliana. First fruit as good as the prime of the season. A solid mass of red, meaty flesh. Skin tough, flesh tender and sweet. Stands long-distance shipping perfectly. Pkts. 10c and 25c. ½ Oz. 70c. Oz. $1.25. ¼ Lb. $4.15. ½ Lb. $8.00. Lb. $15.00. Postpaid.

407. **"Victory" Tomato. New 1920 Creation.** (Specialty, see page 9.) Early, full of vim, new life and health, free from wilt, blight, disease, perfect shape, high crown fruit, entirely free from core, firm, solid and meaty, beautiful brilliant red color, perfectly smooth and even, mild, refreshing, delicious flavor. A marvelous yielder. Pkts. 10c and 25c. ½ Oz. 50c. Oz. 90c. ¼ Lb. $2.75. ½ Lb. $5.15. Lb. $10.00. Postpaid.

378. **Bolgiano's "Glory" Tomato.** (Specialty, see page 5.) Outyields and outsells any Tomato on the market. The yield of "Glory" Tomato is marvelous. Produces at every joint large clusters of good size, smooth, firm, beautifully shaped fruits, uniform in shape, color and size. At times the vines are so full that they can hardly hold all the fruit that they produce. They ripen evenly and color up well. Keep vigorous and green until frost and are then full of fruit. Pkts. 10c and 25c. ½ Oz. 50c. Oz. 90c. ¼ Lb. $2.75. ½ Lb. $5.15. Lb. $10.00. Postpaid.

234. **"John Baer" Tomato.** (Specialty, see page 4.) "John Baer" Tomato produces perfect, solid, high crown, beautiful, brilliant red shipping Tomatoes. It is the earliest of the Earlies. Pkts. 5c and 10c. ½ Oz. 30c. Oz. 50c. 2 Ozs. 80c. ¼ Lb. $1.40. ½ Lb. $2.65. Lb. $5.00. Postpaid.

420. **"Baltimore Baer" Tomato.** Beautifully shaped, perfect, high crown, free from core, firm, solid and heavy. A very heavy yielder. Early, free from wilt and blight. Pkts. 10c and 25c. ½ Oz. 40c. Oz. 75c. 2 Ozs. $1.25. ¼ Lb. $2.25. ½ Lb. $4.15. Lb. $8.00.

Red Tomatoes

310. **"Prosperity."** The Wonder Among New Early Tomatoes. The earliest of all Tomatoes, a brilliant red, an enormous yielder. Grown and developed from single plant, selections covering a period of five years, filled full of strong, sturdy, healthy, new blood. Pkts. 5c and 10c. ½ Oz. 30c. Oz. 55c. 2 Ozs. 95c. ¼ Lb. $1.65. ½ Lb $3.15. Lb. $6.00.

277. **I. X. L., Bolgiano's Extremely Early Tomato.** Earliest, largest most prolific. (Specialty, see page 7.) Pkts. 5c and 10c. ½ Oz. 30c. Oz. 50c. 2 Ozs. 80c. ¼ Lb. $1.40. ½ Lb. $2.65. Lb. $5.00.

77. **Maryland, My Maryland.** A wonderful "Double Yielding" Tomato, entirely distinct, never before has there been a vegetable so remarkable. It is simply startling in its immense productiveness. (Specialty, see page 10.) Pkts. 5c and 10c. ½ Oz. 30c. 1 Oz. 50c. 2 Ozs. 80c. ¼ Lb. $1.40. ½ Lb. $2.65. Lb. $5.00.

279. **Bolgiano's "Greater Baltimore" Tomato.** Selected Stock Seed. Makes a fine crop when all others fail. (Specialty, see page 5.) Pkts. 5c and 10c. ½ Oz. 30c. Oz. 50c. 2 Ozs. 80c. ¼ Lb. $1.40. ½ Lb. $2.65. Lb. $5.00.

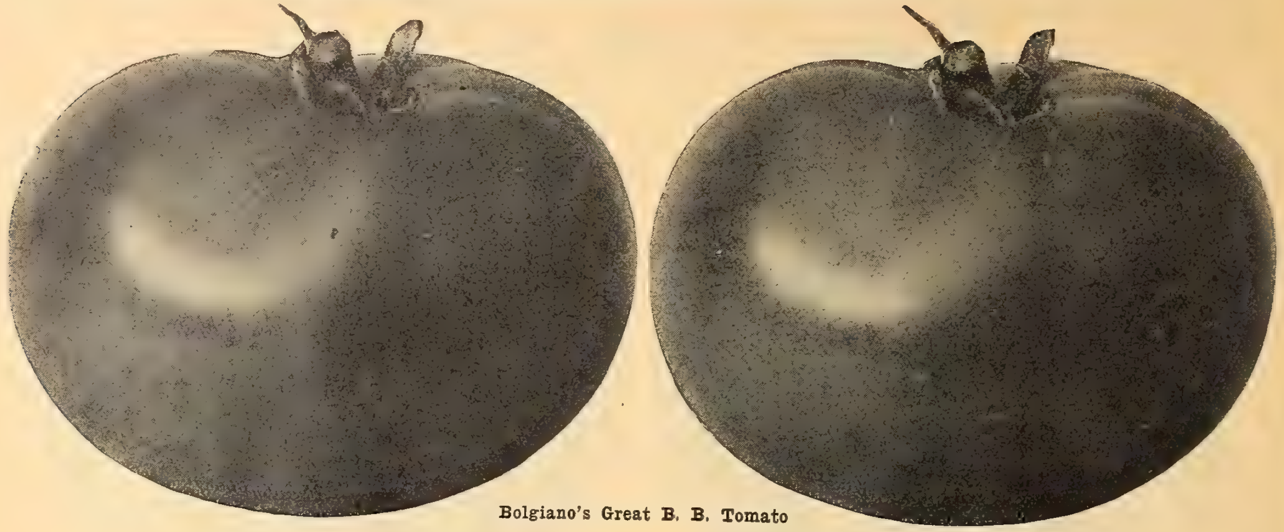
311. **Florida Special Tomato.** Early, prolific, blight proof. Pkts. 5c and 10c. ½ Oz. 30c. Oz. 50c. 2 Ozs. 80c. ¼ Lb. $1.40. ½ Lb. $2.65. Lb. $5.00.

287. **Chalk's Early Jewel.** Very fine new sort; large, solid, smooth, bright red; similar to the Stone, but early. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 35c. 2 Ozs. 65c. ¼ Lb. $1.15. ½ Lb. $2.15. Lb. $4.00.

286. **Sparks' Earliana Tomato.** It is remarkable for its earliness, very large size, handsome shape and bright red color. Its solidity and fine qualities are equal to the best medium and late sorts. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 35c. 2 Ozs. 65c. ¼ Lb. $1.15. ½ Lb. $2.15. Lb. $4.00.

363. **Sparks' Earliana Tomato. (Special.)** Saved from the finest clusters of the Earliest Stem Set Fruit only. Pkts. 5c and 10c. ½ Oz. 25c. Oz. 40c. 2 Ozs. 70c. ¼ Lb. $1.30. ½ Lb. $2.40. Lb. $4.50.

284. **Bolgiano's Great B. B. Tomato.** Used successfully for early and late crops. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 30c. ¼ Lb. 85c. ½ Lb. $1.60. Lb. $3.00.



Bolgiano's Great B. B. Tomato

We Pay Postage on Pkts., Ozs. and ¼ Lbs. Only

Tomato

Parcel Post Rates, see Page 2

The Largest and Most Successful Tomato Growers in Maryland, Ohio, Indiana, Florida, Texas, Throughout the South, in Canada, Mexico, Australia and Every State in the U. S. where Tomatoes are grown—They All Say, Year After Year, Bolgiano's Tomato Seeds Produce the Best Tomatoes That Grow.

Red Tomatoes

572. **New Red Rock Tomato.** One of the finest, large, solid, smooth Tomatoes, of very fine, red color. A heavy producer and an excellent shipper. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 30c. 2 Ozs. 55c. ¼ Lb. $1.00. ½ Lb. $1.90. Lb. $3.50.

332. **Bonny Best Early Tomato.** This is a very early and very popular variety, quite as early as the best strains of Earliana Tomato; it is a vigorous grower, enormously prolific, with splendid foilage and of an intense velvety; glowing scarlet color; ripens evenly all over and up to the stem. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 35c. 2 Ozs. 65c. ¼ Lb. $1.15. ½ Lb. $2.15. Lb. $4.00.

307. **New Stone Tomato, Selected Stock.** We have the truest, purest, cleanest stock, free from rust and blight, of this most valuable Tomato. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c. 2 Ozs. 45c. ¼ Lb. 75c. ½ Lb. $1.35. Lb. $2.50.

379. **New Stone Tomato. Special.** Saved from the finest clusters of the Earliest Stem Set Fruit only. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 30c. 2 Ozs. 55c. ¼ Lb. 85c. ½ Lb. $1.60. Lb. $3.00.

302. **Kelly Red, or Wade Tomato.** This splendid Red Tomato originated in Anne Arundel County, Md., and through its superior qualities it has become the Tomato most largely used in that section. It is large, meaty, an abundant yielder, and withstands unfavorable conditions remarkably well. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 35c. 2 Ozs. 65c. ¼ Lb. $1.15. ½ Lb. $2.15. Lb. $4.00.

288. **King of the Earlies Tomato.** Large and productive. Very early. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 35c. ¼ Lb. $1.15. Lb. $4.00.

285. **New Matchless Tomato.** Vigorous, healthy vines are crowded with beautiful fruit of largest size and solidity. First-class shipper. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c. 2 Ozs. 45c. ¼ Lb. 75c. Lb. $2.50.

524. **Maul's Success Tomato.** Large, red, main crop. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c. 2 Ozs. 45c. ¼ Lb. 75c. Lb. $2.50. Postpaid.

312. **Livingston's Paragon.** Bright, red, round; very productive. Pkts. 5c and 10c. Oz. 25c. ¼ Lb. 75c. Lb. $2.50.

308. **Livingston's Favorite.** Large, Smooth, productive and a good shipper. Pkts. 5c and 10c. Oz. 25c. ¼ Lb. 75c. Lb. $2.50.

397. **The Wisdom Tomato.** Perfectly smooth, deep red, medium early. Uniform. Pkts. 5c and 10c. ½ Oz. 25c. Oz. 40c. 2 Ozs. 70c. ¼ Lb. $1.30. ½ Lb. $2.40. Lb. $4.50.

309. **Perfection.** Early, regular and productive, reddish scarlet. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c. 2 Ozs. 45c. ¼ Lb. 75c. ½ Lb. $1.35. Lb. $2.50.

347. **Ten Ton Tomato.** One of the heaviest yielding red Tomatoes. Pkts. 5c and 10c. Oz. 25c. ¼ Lb. 75c. Lb. $2.50.

300. **Trophy.** Very large, solid, extra selected; free from roughness of the old strains. Pkts. 5c and 10c. Oz. 25c. ¼ Lb. 75c. Lb. $2.50.

298. **Brinton's Best.** As a second early and late cropper it is a favorite with canners and truckers. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c. 2 Ozs. 45c. ¼ Lb. 75c. ½ Lb. $1.35. Lb. $2.50.

285½. **World's Fair.** One of the heavier, solid fruited, large Tomatoes of good quality. Pkts. 5c and 10c. Oz. 25c. ¼ Lb. 75c. Lb. $2.50.

502. **Ponderosa.** Very large, heavy, smooth Tomato; very fine for home garden. Pkts. 5c and 10c. ½ Oz. 30c. Oz. 50c. ¼ Lb. $1.40. Lb. $5.00.

Pink Tomatoes

280. **Bolgiano's Prizetaker Tomato.** If picked while yet green, it ripens gradually into a rich, glossy, crimson color, and this makes it one of the best shippers for early market. It is smooth, solid and heavy, and holds the size from the first to the last crop. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c. 2 Ozs. 45c. ¼ Lb. 75c. ½ Lb. $1.35. Lb. $2.50.

289. **Dwarf Champion.** Dwarf, stiff habit, dark green foliage, scarcely needing any support. It is very early and wonderfully prolific. Color same as Acme. It is perfectly round and smooth, of medium size. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c. 2 Ozs. 45c. ¼ Lb. 75c. ½ Lb. $1.35. Lb. $2.50.

Pink Tomatoes

281. **Redfield Beauty.** It is a vigorous grower, long and heavy yielder; fruit is perfect shape, with a skin that is hardy, making it an excellent shipper. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c. 2 Ozs. 45c. ¼ Lb. 75c. Lb. $2.50.

264. **Livingston's Globe.** This splendid Tomato is attracting a great deal of attention among Southern Shippers. As a Tomato for the early market, it will pay you to give it a trial. Pkts. 5c and 10c. ½ Oz. 30c. Oz. 50c. 2 Ozs. 80c. ¼ Lb. $1.40. ½ Lb. $2.65. Lb. $5.00.

366. **Livingston's Globe Tomato. Special.** Seed saved from the finest clusters of the Earliest Stem Set Fruit. Pkts. 5c and 10c. ½ Oz. 30c. Oz. 50c. 2 Ozs. 90c. ¼ Lb. $1.55. ½ Lb. $2.85. Lb. $5.50.

282. **Livingston's Beauty Tomato.** Large, smooth, dark pinkish red, thick flesh. Pkts. 5c and 10c. Oz. 25c. ¼ Lb. 75c. Lb. $2.50.

268. **June Pink Tomato.** This is the Pink Earliana Tomato, and where a Pink Tomato is in demand, this will be the earliest and most profitable to grow. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 30c. 2 Ozs. 55c. ¼ Lb. $1.00. Lb. $3.50.

369. **Extra Selected Stock June Pink Tomato.** Pkts. 5c and 10c. ½ Oz. 20c. Oz. 35c. 2 Ozs. 65c. ¼ Lb. $1.15. ½ Lb. $2.15. Lb. $4.00.

291. **Improved Acme.** Very early, of medium size; perfectly smooth, very solid and a great bearer. Crimson color with a pinkish cast. Pkts. 5c and 10c. Oz. 25c. ¼ Lb. 75c. ½ Lb. $1.35. Lb. $2.50.

303. **Crimson Cushion.** Very large, bright scarlet, fine flavor. Pkts. 5c and 10c. ½ Oz. 25c. Oz. 40c. ¼ Lb. $1.30. ½ Lb. $2.40. Lb. $4.50.

Yellow Tomatoes

382. **Golden Eagle Tomato.** Leader of all Yellow Tomatoes. Color a rich, transparent amber; fruit smooth, fine form and deliciously flavored. It is very attractive. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 30c. 2 Ozs. 55c. ¼ Lb. $1.00. ½ Lb. $1.90. Lb. $3.50.

383. **Yellow Pear-Shaped.** A pretty little Tomato, which is used largely for picking and preserving purposes; very prolific. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 30c. ¼ Lb. $1.00. ½ Lb. $1.90. Lb. $3.50.

385. **Yellow Plum-Shaped.** Little larger than the Pear-Shaped; deep yellow color, very popular for preserving. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 30c. 2 Ozs. 55c. ¼ Lb. $1.00. ½ Lb. $1.90. Lb. $3.50.

386. **Golden Queen Tomato.** Large, smooth and good, a great show Tomato at the County Fairs. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 30c. 2 Ozs. 55c. ¼ Lb. 85c. ½ Lb. $1.60. Lb. $3.00.

390. **Red Cherry Tomato.** Attractive. Pkts. 5c and 10c. ½ Oz. 30c. Oz. 50c. ¼ Lb. $1.40.

391. **Red Pear-Shaped Tomato.** Pkts. 5c and 10c. ½ Oz. 30c. Oz. 50c. ¼ Lb. $1.40.

392. **Red Plum Tomato.** Pkts. 5c and 10c. Oz. 50c. ¼ Lb. $1.40.

393. **Red Peach Tomato.** Pkts. 5c and 10c. Oz. 50c. ¼ Lb. $1.40.

Spray This Crop with Pyrox

Crowned With Victory

On October 7, 1920, Miss Lieta Iden, of Louden County, Va., wrote: "Your efforts have been crowned with victory. Bolgiano Tomato far exceeds any Tomato we have ever grown. The vines of this new Tomato are full of new life and entirely free from disease, flavor is sweet, tender, nice shape without cracks, few seeds. Most excellent variety ever introduced for table use. Fruit is simply perfect, a good yielder. It is extra early, far ahead of other Tomatoes. It was remarked by all our friends as having the most delicious flavor they had ever tasted."

It Is My Duty

On October 8, 1920, Phillip Flack, of Fayette County, Pa., wrote: "I feel as though it is my duty to report to you how the Bolgiano Tomato Seed turned out for me last Spring. I am more than pleased with my crop. It was an abundant yield of nice smooth Tomatoes, while other Tomatoes rotted in the same patch. I will always grow Bolgiano Tomato hereafter."

We Pay Postage on Pkts., Ozs. ¼ Lbs. Only

Garden Turnips

Parcel Post Rates, see Page 2

French	*German*	*Italian*	*Spanish*
NAVET	WEISSE-RUBE	NAVONE	NABO

Culture. The Turnips require a rich soil. When grown quickly they are more solid and tender and may be grown either as an early or late crop. For an early crop sow early in Spring soon as soil can be worked in drills 18 inches apart. Thin out to stand 3 inches apart. These will be ready for use before hot weather develops. Late Turnips are usually sown broadcast on land from which some early crop has been removed, during July or August. The roots need not be gathered until after several frosts. May be stored for Winter use in cellar or pits outside. Before storing the tops should be removed.

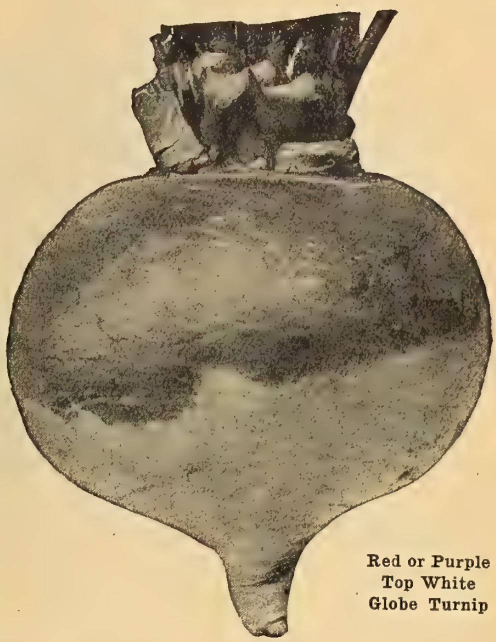
Ruta Baga are usually sown in June in drills 30 inches apart. Thin out to stand 6 inches apart in row.

313. **Red Top White Globe.** The handsomest and most salable Turnip. As a profitable sort for home or market it is unsurpassed. It is a large, rapid growing sort, with globular shaped roots. Flesh pure white. The skin is white and purple, the under portion being white and the top bright purple. (See illustration.) On account of its shape, it will outyield any other sort. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 20c. Lb. 30c. 5 Lbs. at 25c Lb.

314. **Early Red or Purple Top White Flat Strap-Leaf Turnip.** This is one of the best table Turnips on the market, being fine grained and of mild flavor. It is white below, with a bright purple top; flesh white, leaves short, narrow and erect. Will mature in 8 or 9 weeks. A good cropper and an excellent keeper. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. Lb. 40c. 5 Lbs. at 35c Lb.

327. **Ruta Baga, Market Gardeners' Improved Purple Top.** Our Ruta Baga is select, yields enormous crops of handsome, large, solid, yellow-fleshed Turnips; is grown largely for cattle food; keeps over Winter till Spring in good condition. Get our splendid stock, and the crops will satisfy and renumerate you. It is also used as a table vegetable because of its sweetness. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 35c. 5 Lbs. at 30c Lb.

446. **Bolgiano's Perfect Model Ruta Baga.** Excellent variety for table use. Flesh golden; very sweet; not the least bit stringy or tough. Far superior to any of the other varieties and much nicer than the Swede Turnip. Solid and crisp until Spring. Never gets pethy. The kind that home gardeners and market gardeners will appreciate. Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.



Red or Purple Top White Globe Turnip

321. **Southern Seven Top.** Hardiest of all sorts, may be left standing in the open ground during Winter. In the Southern States it yields in the Spring abundant foliage for boiling with cured meats and is only desirable for this purpose. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 20c. Lb. 30c. 5 Lbs. at 25c Lb.

305. **Extra Early White Milan.** Extra early, tender and delicately flavored; the bulb is of medium size, very handsome, smooth and of clear ivory-white both inside and out. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

315. **Extra Early Purple Top Milan.** Earliest Turnip in cultivation; a week sooner than any other. Flat, smooth, of medium size, with bright purple top and few leaves. Flesh white and choice. Adapted to Spring or Fall. A good keeper. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

328. **Large White Norfolk.** It is allowed to stand out during the Winter in the South. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. Lb. 35c. 5 Lbs. at 30c Lb.

325. **Pomeranian White Globe.** Good either for table or stock. Very productive. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 35c. 5 Lbs. at 30c Lb.

320. **White Egg.** Oval or egg shape, handsome and sweet; flesh firm and sound-grained, thin and perfectly smooth skin of snowy whiteness. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 45c. 5 Lbs. at 40c Lb.

323. **Early White Flat Dutch.** Pure white, flat strap-leaf Turnip. Early, medium size, excellent quality for early Spring sowing. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 45c. 5 Lbs. at 40c Lb.

316. **Yellow Globe.** Yellow Globe is a wonderful cropper, and keeps far into the following year. It begins to bulb at the very start and forms large-sized roots and small tops. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 20c. Lb. 30c. 5 Lbs. at 25c Lb.

324. **Purple Top Yellow Aberdeen.** Medium size, round, flesh pale yellow, tender and sugary. The plant is hardy, productive and keeps well. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 20c. Lb. 30c. 5 Lbs. at 25c Lb.

530. **Southern Prize or Dixie.** Makes large, round, white Turnips in addition to salad; hardy and needs no protection, the most popular Winter and Spring salad Turnip grown. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 20c. Lb. 30c. 5 Lbs. at 25c Lb.

159. **White Top White Globe Strap-Leaf.** Of a perfect globe shape, about six inches in diameter, with smooth, all pure white skin; flesh snowy white, firm and crisp, and of quick growth. A good keeper and fine for market. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. Lb. 35c. 5 Lbs. at 30c Lb.

322. **Large Amber Globe.** Flesh yellow, fine grained and sweet; hardy, keeps well, a good cropper. Very popular in the South. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 20c. Lb. 30c. 5 Lbs. at 25c Lb.

319. **Sweet German.** Should be sown a month earlier than flat Turnips. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. Lb. 40c. 5 Lbs. at 35c Lb.

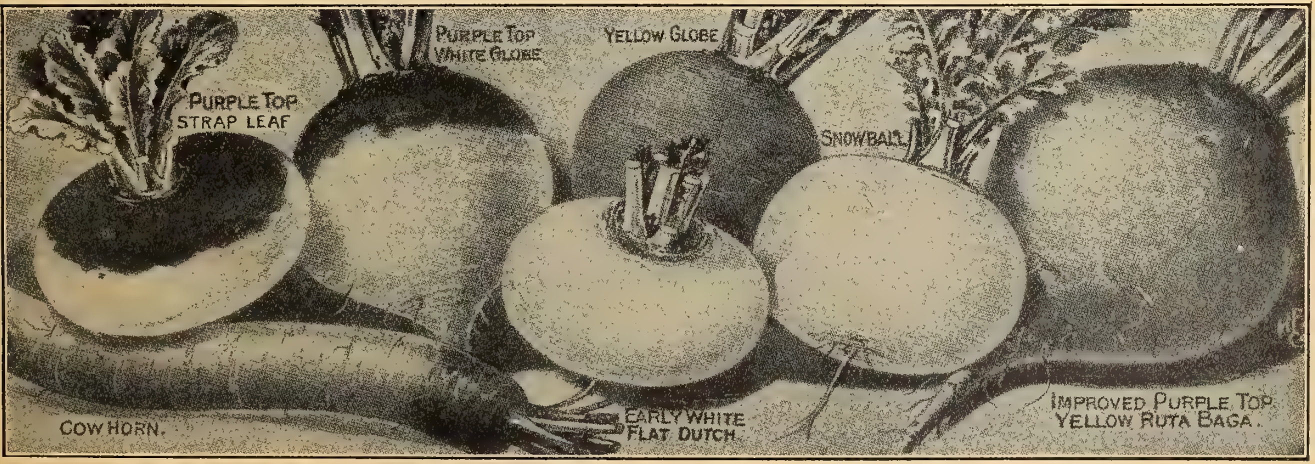
326. **Yellow Cow Horn.** A white Turnip of peculiar long shape and quick maturity. It grows to a large size, standing half out of the ground. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. Lb. 30c. 5 Lbs. at 25c Lb.

317. **Golden Ball, Orange Jelly or Robertson's.** Flesh sweet and firm. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. Lb. 35c. 5 Lbs. at 30c Lb.

318. **Yellow Stone.** Flesh crisp, tender, of fine quality. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 35c. 5 Lbs. at 30c Lb.

529. **Long White French.** Flesh hard; crisp. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 40c. 5 Lbs. at 35c Lb.

434. **Grey Stone Turnip.** Resembles the Purple Top White Globe. Meat white and tender. Top greyish red. Early and one of the first ready for the markets early in the Fall. Prices: Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 20c. Lb. 30c. 5 Lbs. at 25c Lb.



Grass and Clover Seed Mixtures for Hay and Pastures

The Plain Truth About Grades

Parcel Post Rates, see Page 2

The terms Fancy, Choice, Prime and Fair, by which different grades of Grass and Clover Seeds are usually known, have become so much abused by some dealers who apply these terms indiscriminately to any quality of seed, that we many years ago established two grades of our own, called "Gold" and "Silver."

J. Bolgiano Seed Co.'s "Gold" brand we intend shall invariably represent the best seed obtainable both as respects purity and high germination. Anyone who buys our Gold brands may return them at our expense if, upon receipt and examination, they are found in any respect unsatisfactory, and money paid for same will be promptly refunded.

BOLGIANO'S
GOLD BRAND
TRADE MARK
FIELD SEED
ESTABLISHED 1818
100 YEARS

Silver, the next best brand to Gold, but not quite the same purity. It frequently happens that the demand is greater than the supply of Gold brand, as but a small proportion of the total seed gathered will make Gold; we then recommend our Silver brand as being the best in the market.

We wish to call attention to the fact that in cleaning seed so as to make our Gold and Silver brands, there is much seed removed which, while not of sufficient high quality to grade Gold and Silver, is suitable for seed, and this is sold under lower grades, such as Fancy, Choice, Prime, etc. We do not quote these grades in our catalogue, as the most of our sales are for Gold and Silver.

Our Prices

Please Read Carefully

Prices on Grass, Clover and Millet seed fluctuate so greatly that it is impossible for anyone to accurately gauge future values.

Write us for our special prices when you are ready to buy. For the benefit of those who wish to order early, we quote the prices that are in effect at the time of going to press with this catalogue on our Gold and Silver brands only. These prices will be maintained as long as possible, but we reserve the right to forward seed to the value of the money sent us, according as the market is higher or lower. We wish to assure those who buy late in the season and have not time to write us for prices, that they will receive fair treatment at our hands, and unless otherwise advised, we will reduce or add to the quantity ordered sufficient seed to give value for the amount of money remitted. We cannot emphasize the fact too strongly to those who do not wish to buy now, that it is to their advantage to write for our special price list and samples of our Gold brand of any variety of seed they want. A very large percentage of our customers now purchase our Gold brands of Grass, Clover and Millet seeds exclusively, and will not have any other. They have found it to their interest to pay a little more for this grade and be absolutely assured that they are getting the very best seed that money can buy anywhere at any price.

These Mixtures give the very best and most satisfactory results to customers, and our trade in them is increasing rapidly. The advantage of sowing grasses and clover seed in mixtures has long been recognized and the practice is increasing to a very remarkable extent throughout the South. We are the pioneer seedsmen in putting up special mixtures for different soils, and the results to our customers have been exceedingly satisfactory, resulting in largely increased crops both of hay and pasturage. We will take pleasure in advising our customers as to suitable grasses for their soils and purposes.

We have the following Mixtures, combined grasses suitable for the various soils and uses for which they are recommended. Those for permanent pastures are composed of grasses which succeed each other in growth, and give a succession from the first of Spring until late in Winter, while for those desired more for cutting for hay have combined grasses which ripen together. **In all our Mixtures we are introducing small quantities of Alfalfa-Clover** with the idea of inoculating the land with Alfalfa bacillus. Alfalfa revolutionizes farming, but the bacillus must be established before the revolution can occur. The different mixtures are prepared both as to quantity and varieties as best adapted to the soils and situations for which they are recommended. In all of our grass mixtures we use the very best seeds, the quality and purity of our seeds being our first consideration. The quantity handled enables us to give our customers the benefit of a very low price, even lower than if they purchased the seed separately.

Mixtures for Permanent Pastures—But Can Be Mown

25 Lbs. or Over at 100 Lb. Rates

Mixture No. 1. For Light, Dry, Gravelly or Sandy Soils. Sow 30 to 35 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20c per lb.

Mixture No. 2. For Good Loam Soil. Sow 30 to 35 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c. 100 Lbs. at 20c per lb.

Mixture No. 3. For Heavy Loam or Clay Soil. Sow 30 to 35 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20c per lb.

Mixture No. 4. For Moist Bottom Land. Sow 25 to 30 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20 per lb.

Mixture No. 5. For Wet Bottom Land. Sow 25 to 30 lbs. per acre. Lb. 25c. 10 Lbs. at 23c. 100 Lbs. at 20c per lb.

Mixtures for Mowing for Hay—But Can Be Grazed

25 Lbs. or Over at 100 Lb. Rates

Mixture No. 6. For Light, Dry, Gravelly or Sandy Soils. Sow 30 to 35 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20c per lb.

Mixture No. 7. For Good Loam Soil. Sow 30 to 35 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20c per lb.

Mixture No. 8. For Heavy Loam or Clay Soil. Sow 30 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20c per lb.

Mixture No. 9. For Moist Bottom Lands. Sow 20 to 25 lbs. per acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20c per lb.

Mixture No. 10. Shady Nook Meadow Mixture. Like our Shady Nook Lawn Mixture, this mixture is specially prepared for good loamy soil in partially shady situations. A fine permanent pasture mixture, yields large crops of hay. Sow 30 to 35 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20c per lb.

A Field of Bolgiano's "Gold" Brand Alfalfa

CLOVERS—Bolgiano's "Gold" Brand Seeds Are Standard

The prices herein are based on values at time of going to press with this Catalogue. They are subject to marked fluctuations
Parcel Post Rates, see Page 2

Clover is a necessity on every farm and will add millions of dollars to the value of land and crops. Looking to the future, no time should be lost in introducing the bacilli of the Red and Alfalfa Clovers. The use of nitro cultures may tend to hasten their establishment, but nature's way and the best way is to use a small quantity of seed, say a pound or two each Red and Alfalfa Clover to the acre, with whatever crop you are seeding. After awhile you have the prized bacilli in your land, then you may safely call your farm doubled in value from a producing standpoint.

1128 Alfalfa Seed

Alfalfa Yields Splendidly Throughout the South, Yielding 4 to 6 Cuttings Per Year, Increasing Yield Each Successive Year

Alfalfa ranks higher than Timothy hay in feeding value. In fact, it might be termed both corn and hay, as it is almost a complete food. Experiment stations place the feeding value of Alfalfa hay at $20 per ton, as against Timothy hay at $12 per ton. This, with the fact that Alfalfa will, under favorable circumstances, after a good stand is secured, give 4 to 6 cuttings per year, and will easily yield on good land 6 to 16 tons of splendid hay per year, shows what a valuable crop it is. Lands in the Western States that are well set in Alfalfa sell readily at from $100 to $200 per acre; so that a crop of this kind pays for the little extra care and preparation given to secure good stands and good crops; better to have five acres well set in Alfalfa by thorough preparation than to attempt to put in 10 acres without first-class preparation. The acreage of Alfalfa is increasing very largely all over the Middle and Southern States; our farmers are fast beginning to realize what a valuable crop it is for this section. Alfalfa will succeed and do well on any good loamy, well-drained soil, but the land must be well and thoroughly prepared for the best results. The plant is rather slender when it first starts, and must be grown under favorable conditions in order to get ahead of the weeds and other grasses which would, under ordinary circumstances, spring up naturally and check it or smother it out. Alfalfa should always be cut when just commencing to bloom whether the plants be large or small. If the seed is allowed to form the growth of the plant ceases. It should never be used for pasture; it is too valuable as a hay producer to risk injury from stock. Alfalfa can be sown either in the Spring or Fall. The requirements to obtain good stands and good crops is to sow in good, rich soil and give thorough preparation. A heavy application of lime is of decided benefit—2,000 to 5,000 lbs. per acre. Alfalfa is usually sown broadcast at the rate of 20 to 30 lbs. to the acre, although some of our customers claim that thicker seedings give better crop results. March and April are the best months for seeding in the Spring, and the latter part of August and during September the best in the Fall. Our Alfalfa seed is the highest grade, strong germinating seed of the best and cleanest quality it is possible to procure. The quality and germination of the seed is a prime requisite for success with this crop. Land well set in Alfalfa is better than a bank account, producing continuously increasing crops for years and is worth a little trouble and expense to secure a first-class stand. Price: "Gold" Brand Fancy Seed, Bu. of 60 lbs. $12.00. "Silver" Choice Alfalfa Seed, Bu. of 60 lbs. at $11.70. Prices fluctuate. Write us for market prices.

Crimson Clover Seed

1129. **Crimson Clover Seed.** New Crop. The Great Nitrogen Gatherer. The best crop for hay, soiling and green manuring. Fall, Winter and Spring pasturing. Crimson Clover furnishes an abundance of nutritive forage at seasons when pastures are dead. It is an unfailing supply of manure. It solves the problem of cheap manuring. It is a great nitrogen gatherer and economizer in the use of fertilizers. Valuable for planting in orchards, berry patches and for sowing among cultivated crops, such as Cabbage, Corn, Tomatoes, Cotton, Tobacco. Improves poor land, restores to fertility those that have been worn down by excessive cropping. May be planted in the Spring, Summer or Fall. Splendid for reseeding Red Clover that has been Winter killed. Sow 15 lbs. to the acre. Price: "Gold" Brand, Lb. 15c. Bu. of 60 lbs. $7.80. Write for latest market prices.

1133. **White Clover.** This is largely used in lawn and permanent pasture mixtures, and is indigenous to the soils throughout the Middle and Southern States. It makes a small, close, compact growth, covering the ground like a carpet. It affords excellent food for bees. Sow in either Spring or Fall. When sown by itself, at the rate of 5 to 6 lbs. per acre. It is better, however, sown in mixture with other grasses. Price: "Gold" Brand Fancy, ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c. Bu. of 60 Lbs. $27 00.

1113. **Japan Clover.** We do not recommend this Clover for land that can be successfully grown in any grasses or clover, but on waste land or poor, worn-out soils it will furnish excellent, nutritious pasturage. Sow at the rate of 10 lbs. per acre, in March or April. Write us for latest market prices.

1205. **White Blossom Sweet Clover or Bokhora.** (Hulled.) Melilotus Alba. A strong growing perennial of value for green manuring, especially South; also largely grown for the excellent food it affords throughout its season for bees. Sweet Clover will provide more feed per acre than any other form of grass. One farmer declares that five acres of Sweet Clover carried more stock than forty acres of Timothy and Clover would. Sweet Clover stands drought well and does not cause stock to bloat. Sweet Clover is especially valuable for building up worn-out soils and grows almost anywhere except in acid soils. Sweet Clover is a legume, having the same bacteria on its roots that grow on Alfalfa, consequently it supplies nitrogen to the soil and prepares the way for Alfalfa. Sow 15 to 20 pounds per acre. "Gold" Brand, 11c Lb. Bu. 60 Lbs. $5 40.

1268. **White Blossom Sweet Clover or Bokhora.** (Unhulled.) Write for lowest prices.

1304. **Hubam White Blossom Sweet Clover.** An annual variety of White Sweet Clover which has just recently come into prominence. The general characteristics of the plant naturally resemble the White Sweet Clover, but it grows much more rapidly, attaining full maturity in 3 to 7 months from time of seeding. It grows from 3 to 8 feet high and makes a vast amount of excellent food for all kind of stock. "Gold" Brand, $1.50 per pound.

A Field of Bolgiano's " Gold " Brand Red Clover Intermingled with Timothy

Medium Red Clover

1130. **Medium Red Clover.** This is regarded as the most valuable of the Clover family and is largely used for pasturage and hay. Clover adds greatly to the fertility of the land on which it is grown. It does not exhaust the soil, but enriches it. It makes two crops each year. The first is usually cut when it is in blossom for hay. The last crop may be harvested for seed, cut for hay or plowed under to add fertility to the soil. For hay, it is particularly well adapted for sowing with Orchard and Tall Meadow Grass, as it ripens at the same time, and sowing these three grasses together will give larger yields and better quality hay than sowing either alone. It is also largely sown with other grasses, both for hay and pasturage. Information as to quantities required per acre when sown in combination with other grasses will be found under the heading of Orchard Grass, Tall Meadow Oat Grass and Timothy. When sown by itself, sow 10 to 12 lbs. to the acre, either in the Spring or Fall or at the last working of Corn. Price: " Gold " Brand Fancy Red Clover Seed, Bu. of 60 lbs. $13.80. " Silver " Brand Choice Seed, Bu. of 60 lbs. $13.20. Prices fluctuate.

Mammoth or Sapling Clover

1131. **Mammoth or Sapling Clover.** Is similar to Red Clover in appearance of seeds and habits of growth, the difference being larger growth and later maturing. It is often used for hog pastures. As a soil improver to plow under it is considered superior on account of its extra growth. It is a good variety for thin soils or to seed with Timothy, Meadow Fescue, Herd's Grass or Red Top, as it matures about the same time as these grasses. Sow 10 to 12 lbs. to the acre when sown alone. When sown with Timothy use 6 lbs. Sapling Clover and 8 lbs. Timothy to the acre. Price: " Gold " Brand Fancy, Bu. of 60 lbs. $14.40. " Silver " Brand Choice Seed, Bu. of 60 lbs. $13.80.

1132. **Alsike Clover.** Alsike Clover grows thicker and is finer in growth than Red Clover, making better hay and probably more and better grazing. It is also hardier, resisting extremes of heat and drought and also severely cold weather to a remarkable extent. It is perennial and does not Winter kill. It succeeds on a variety of soils, light upland loamy lands as well as stiff bottom lands. It will do better on moist land than any other Clover. It is surer to give a good stand and make good crops than either the Red or Mammoth Clover, and in sections where these Clovers have been uncertain Alsike is superseding them altogether. When sown with other grasses it forms a quick undergrowth and greatly increases the yield. It is well adapted for sowing with Red Clover, Timothy, Herd's Grass, as it matures with these grasses, but flowering a little later than Red Clover. Price: " Gold " Brand seed, Bu. of 60 lbs. $12.00. " Silver " Choice seed, Bu. of 60 lbs. $11.40.

1122. **Meadow Fescue, Randall or English Blue Grass.** It makes a most excellent hay and pasturage Grass and is particularly valuable for Fall and Winter pasturage, as it remains green throughout the Winter. It is also a splendid Spring and Summer Grass and usually makes more and thicker leafage than any other Grass. Grows 2 to 3 feet high, but not in tufts like Orchard Grass. The hay is very nutritious and cattle thrive on it whether dry or green. Succeeds even in poor soil, and as the roots penetrate deep, from 12 to 15 inches, it takes extremely dry weather to affect it. It succeeds well in nearly all sections of the South, and should be very largely used for pasturage and hay mixture, being specially suitable for sowing with Red Top and Timothy for hay, or with these and Orchard and Tall Meadow Oat for permanent pasture. Sow either in the Spring or Fall at the rate of 2 bushels to the acre if sown by itself. When sown with Red Top or Timothy sow 1 bushel (14 lbs.) Meadow Fescue, 5 lbs. Fancy Clean Red Top and 6 lbs. Timothy per acre. Sown for grazing mixture with Orchard and Tall Meadow Oat Grass, add half a bushel each of these two Grasses. Write for lowest prices.

Grasses

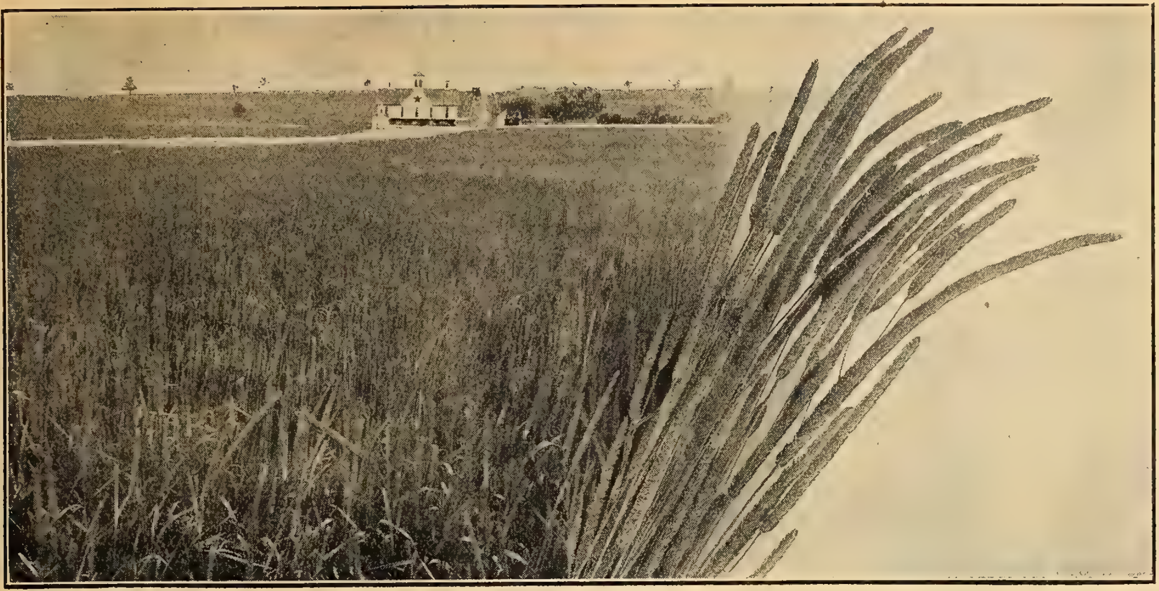
Tall Meadow Oat Grass

1123. **Tall Meadow Oat. Evergreen Grass.** Yielding twice as much hay as Timothy or Orchard Grass, early as Orchard Grass with more leaf and affording better grazing, it is not strange that this grass is becoming so popular. It will keep green all Winter and all Summer; the drought of Midsummers or the cold of Winter does not injure it. It starts growing very early in the Spring, can be cut twice for hay, would yield good grazing until late in the Fall. It contains more flesh and muscle-forming material than Timothy, but it is not so fattening. For hay it should be cut while in bloom. Tall Meadow Oat Grass is best adapted for rather light and dry loamy uplands, but gives excellent results on nearly all soils and better results than any other grass on light, medium or sandy soils. Sown alone use 2 to 3 bushels to the acre, either Spring or Fall. Sown in mixture, use 1 bushel (11 lbs.) Tall Meadow Oat Grass, 1 bushel (14 lbs.) Orchard Grass and 8 lbs. Red Clover. It gives the very best results when sown with Clover. By adding 6 lbs. of Red Top or Herd's Grass to the mixture the grazing will be materially increased. Price: " Gold " Brand Fancy, Lb. 35c. $3.40 Bu. of 11 lbs.

Orchard Grass

1114. **Orchard Grass.** One of the best and most reliable grasses for the Middle and Southern States, either for hay or pasture. It is a very vigorous grower and yields large crops of excellent and most nutritious hay and will last for years in increasing value with proper treatment. It is succulent and nutritious and when mowed requires only a few days of seasonable weather to start it growing again and usually two good crops of hay can be cut in a season. It succeeds well on nearly all soils, but does best on uplands, loamy or moderate stiff soils. Although it will succeed very well even on soils that are inclined to be of a sandy texture. It also succeeds in shady places better than other grasses, especially in orchards. It starts early in the Spring and continues well into Winter. It is of quick growth, and is relished by stock, especially when young and bears close grazing. It makes excellent hay, and gives the very best results mixed and grown with Tall Meadow Oat Grass and Red Clover. It should be cut when in blossom, as the hay is injured if the seed is allowed to ripen. It can be sown in the Spring or Fall, either with grain or alone. Sow two bushels per acre if sown alone, or with Red Clover, one and one-half bushels of Orchard Grass and eight pounds of Clover are the quantities usually sown. Price: " Gold " Fancy, Lb. 21c. Bu. of 14 lbs. $2.80. " Silver " Choice $2.65 per Bu.

We are at all times buyers of all kinds of Grass Seeds, Clovers, Cow Peas and Grains. Whenever you have any to offer, mail us samples and we will quote you out best price



Field of Bolgiano's "Gold" Brand Timothy

Grasses Bolgiano's "Gold" Brand Seeds are Standard

Parcel Post Rates, see Page 2

☞*The prices herein are based on values at time of going to press with this Catalogue*☜
They are subject to market fluctuations

Canada Blue Grass

1120. **Canada Blue Grass.** Resembles somewhat the Kentucky Blue Grass. It will thrive even on hard clay soil where there is not quite enough lime and fertility for Kentucky Blue Grass, and having an excellent root development forms a heavy turf. At the Maryland Experiment Station this Grass remained a luxuriant green during the hottest Summer when other Grasses were materially affected by the heat. Being a Grass of Canadian growth, it stands the cold weather admirably. Canadian Blue Grass does not thrive when planted with Clover. Red Top and Orchard Grass are the best for mixing with it to grow on inferior soils. On good land it becomes tall enough for hay, and as it shrinks very little in drying the hay is heavy for its bulk. Grows from one to two feet high. Sow 30 lbs. of seed to the acre. Price: "Gold" Brand Seed, Lb. 45c. Pk. $1.50. Bu. of 14 lbs. $5.60.

Kentucky Blue Grass

1118. **Kentucky Blue Grass.** This Grass is not only the best for lawn purposes, but makes the sweetest and most nutritious pasture for all kinds of stock. Kentucky has long been famous for its high bred horses and its Blue Grass pastures. It is now possible to establish on most any farm a Blue Grass pasture of greenest verdure which will give very profitable returns. This Grass is the first to start up in the Spring and remains green until snow flies in the Fall. It is very hardy and is uninjured by cold or dry weather, hot sun or tramping of hoofs. The roots are so thick and stout that they form a tough sod. Blue Grass requires about two years to get well started and for that reason it is often sown in mixture with other Grasses. It will do well on almost any land, but does best on well drained clay land. Sow in the Fall or Spring at the rate of two or three bushels per acre. Price: "Gold" Brand Seed, Lb. 55c. Pk. $2.00. Bu. of 14 lbs. $7.00. "Silver" Choice $6.75.

Special prices in quantity.

Red Top or Herd's Grass

1111. **Red Top or Herd's Grass.** This Grass makes excellent pasturage and good crop of fine quality hay, and succeeds on a greater variety of soils than any other in general use, giving very good results on light soils. The place for Red Top is on rather moist soil, deficient in lime and fertility. It will grow where the soil is too poor for Timothy and Kentucky Blue Grass. It is a good variety to sow with Timothy and Clover for meadow or pasture and is more permanent than either of the other two. It should be fed close, as if it is allowed to grow up to seed the cattle dislike it. On good soil it grows about two feet high; on poor, gravelly land about half that height. It has been grown successfully even on alkali land where other grasses failed. Red Top, commonly known as Herd's Grass, should be extensively grown, especially with other grasses.

Red Top has interlacing, thick roots which make a firm sward not likely to suffer injury from the hoofs of animals. It stands the effect of drought better than Timothy. It is more permanent if it is grazed off and not allowed to go to seed. For the best quality of hay, it should be cut when in full flower. It is more easily cured than almost any other grass. It is rather late in starting in Spring and matures its crop the same time as Timothy. When it gets well established it spreads and will gradually supplant other grasses. Red Top is also one of the best grasses for hillsides or lands likely to wash. Our Gold Brand of the Fancy Clean Red Top is of extra fine quality, and carefully cleaned from impurities. We can also furnish the Choice and Prime Fancy Red Top as usually sold. It requires about 8 to 10 pounds to seed an acre of the Fancy Clean seed. When sowing with Timothy, sow 6 pounds of the Fancy Clean seed and 8 pounds Timothy per acre. It can be sown either in the Spring or Fall. Price: "Gold" Brand Fancy Seed, Lb. 28c. 10 Lbs. or over at 25c. lb. "Silver" Choice, 10 Lbs. or over at 23c lb. Prices fluctuate; latest prices quoted upon application.

Timothy

1117. **Timothy.** Of Hay Grasses Timothy is one of the most popular, nutritious and salable. On clay or heavy loams, lowlands or in mountainous districts, provided there is an abundance of moisture, it produces the very best results. On sandy or light loamy ground it does not do so well as Orchard, Tall Meadow Oat or Red Top Grass. If grazed or cut too close, the stand of Timothy will be seriously injured, besides it does not form as good grazing as many other grasses. The yield of hay is from 1½ to 3 tons per acre. Timothy requires good land to make good crops. It does not root as deeply and is not considered as much an improver as other grasses, consequently should not be sown on land deficient in humus or vegetable matter nor on soils of a light or sandy nature. Clovers grow well with Timothy and aid it by supplying nitrogen. Timothy alone a peck (11 lbs.) to the acre, or with Clover 10 lbs. Timothy and 6 lbs. Clover. A splendid mixture is 8 lbs. Timothy, 6 lbs. Clover (either Mammoth Clover or Alsike Clover preferred, as they mature at the same time as Timothy), 6 lbs. Fancy Red Top, ½ bu. Meadow Fescue. Together these will produce most excellent hay, also nutritious and abundant pasture in good loamy clay or low ground soils; 8 lbs. Timothy and 6 lbs. Clover when sown together. Prices: "Gold" Brand, 10c lb. Pk. $1.00. Bu. of 45 lbs. $3.50. "Silver" Choice $3.35. Market fluctuates.

Sudan Grass

It is a tall annual Grass reaching a height of 7 to 9 feet when planted in rows and allowed to mature for seed crop; broadcasted and cut in the bloom for hay, about 4 feet. The results have been so satisfactory that it is now established one of our permanent forage crops. It is easily cured and handled as hay crop. Stock of all kinds eat it readily and will leave any other hay for it. The food value is second only to Alfalfa. Should not be planted until the soil becomes warm in the Spring. Two to four cuttings per year can be obtained when sown broadcast for hay; the number of cuttings secured depends upon the length of the season and the moisture. The first crop will mature in from 50 to 60 days, and the second crop is ready for harvesting in from 20 to 30 days. Three tons of cured hay per cutting per acre has been secured and three cuttings made. It is a great drought resister and is particularly adapted to semi-arid regions. It is an annual and must be seeded each Spring.

"Harvesting the Crops." The hay should be cut as soon as the Grass is fully headed, and early cutting is especially advisable where two or more cuttings per season are expected. The Grass can be cut with a mower, but more conveniently with a binder, especially in dry regions, as the hay cures very readily in bundles.

A Silage Crop. While as yet the seed of Sudan has not been plentiful enough to permit its being grown on a scale justifying extensive use as a silage, it is the universal opinion of those who have grown it that it is destined to make one of the very best ensilage crops known. It would be even better when grown with Soy Beans or Cow Peas, as this combination would make an enormous yield of ensilage that would be very palatable and well balanced. When seeded in rows 18 to 20 inches apart, drill 4 to 6 lbs. When sown broadcast 16 to 24 lbs. per acre. Lb. 10c. 10 Lbs. at 8c. 100 Lbs. at 7c.

Timothy and Alsike Clover Mixed

Where Alsike Clover and Timothy are grown together, and the seed is saved therefrom, it is impossible, in cleaning, to make a complete separation of the two.

On this account we purchase the seed for less money and we can sell it for less than would be the case if a perfect separation could be made.

Those desiring to sow Alsike and Timothy together can save considerable money by buying the seed of these two varieties together as originally harvested.

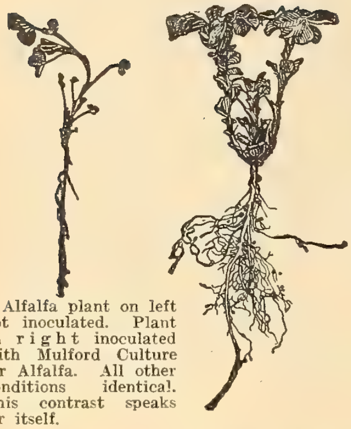
For hay, the Alsike and Timothy Mixture is very valuable on soils too moist for Red Clover. Alsike is suitable for either hay or pasture. It is finer and more leafy than Medium Red Clover and cattle prefer it. "Gold" Brand, 12c lb. 50 Lbs. or over at 10c lb.

Inoculate Your Alfalfa, Clovers, Cow Peas, Soy Beans, Vetches and other legume crops with

Mulford Cultures

FOR LEGUMES

Small Cost **Large Returns** **Easy to Use** **No Labor Expense**



Alfalfa plant on left not inoculated. Plant on right inoculated with Mulford Culture for Alfalfa. All other conditions identical. This contrast speaks for itself.

Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria, for inoculating seeds of legumes or soil. Enormous numbers of these very valuable and desirable bacteria are thus available to you in every package of Mulford Culture and may readily be applied to your seed. The sealed bottle insures purity.

Increase Your Crops

Improve Your Soil

Legumes offer the best-known means of maintaining soil fertility and rejuvenating overcropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, corn and other non-legume crops.

The U. S. Department of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitro-fixing bacteria to induce a prompt "catch" and increase your yield.

Mulford Cultures are scientifically prepared and tested by experts in the biological laboratories of H. K. Mulford Co., Philadelphia, U. S. A., with the same degree of care as Mulford Antitoxins, Serums, Vaccines, etc., which are standard all over the world.

Always specify on your order what crop you want to inoculate, as there in a different strain of bacteria for each legume.

ALFALFA
CRIMSON CLOVER
SWEET CLOVER
WHITE CLOVER
RED CLOVER
ALSIKE CLOVER
Mammoth Clover
BURR CLOVER
Yellow Clover
Berseem Clover
COW PEAS
SOY BEANS
Canada Field Peas
PEANUTS
VETCH
Horse Beans
VELVET BEANS
Perennial Peas
SWEET PEAS
GARDEN PEAS
GARDEN BEANS
LIMA BEANS
Lupins
Sainfoin
Lespedeza
Beggar Weed
Kudzu
and others

Those printed in CAPITAL LETTERS can be shipped immediately from stock. The others will be prepared to order and can be supplied in a few days.

PRICES

MULFORD CULTURES are supplied for the varieties of legumes listed, at the following prices:

5-Acre Size ("Dollar per Acre")	$5.00
1-Acre Size	1.50
¼-Acre Size	.75
Small Size (Supplied only in 4 varieties, for Garden Peas, Garden Beans, Lima Beans and Sweet Peas)	.35

(These prices include delivery on freight shipments.)

Why buy expensive commercial nitrates when you can grow legume crops and thus increase your yield, and, at the same time, increase the nitrates and enrich and renovate the soil, by Nature's own method?

FREE DESCRIPTIVE FOLDER SENT UPON REQUEST

FARMOGERM

Seeds of all legumes—clover, alfalfa, vetch, all peas, beans and related crops—will yield far better if inoculated with Farmogerm, and in addition leave in the soil a heavy deposit of nitrogen which benefits all succeeding crops. Farmers and gardeners who have used it would not be without it.

It Stays Good Indefinitely

Farmogerm keeps for years. Because of the method of sealing the bottle—a patented ventilating stopper which admits filtered air and keeps out all impurities—it is just as good in five years as when first bottled. **Farmogerm always has its full strength.** Just add water and shake the bottle and sprinkle over the seeds as directed. Your crop will benefit beyond your expectations.

Is Economical

The one-acre size bottle of Farmogerm is sufficient for 15 lbs. Clover, 20 lbs. Alfalfa, 100 lbs. Canada Field Peas, 60 lbs. Vetch. A different bacteria is required for each crop. When ordering, be sure to state what crops you wish to treat.

Prices Reduced

New methods of production have given lower prices. You cannot afford to do without Farmogerm.

A special composite culture is prepared for peas, beans and sweet peas—¼-acre size only. You'll get more peas and beans, and larger, finer sweet peas by using this. Ask for No. 5, price 50c.

Farmogerm prices: 1-acre size, $1; 3-acre size, $2.50; 12-acre size, $9. Full directions accompany each bottle. Easy to use.

Millets

A Splendid Quick Growing Summer Hay Crop

1125. **German or Golden Millet, Southern Grown.** Makes a large yielding and most nutritious hay crop, quick growing and easily cured. It should be seeded thickly, one bushel per acre, and should be harvested while in bloom. If the seeds are allowed to form the stalks get hard and it does not make so good a hay. Should be sown at any time between the middle of May until the end of June at the rate of 1 bushel per acre. Millet should never be sown until the earth is warm in the Spring and when continued warm weather is assured. It is also used as a catch crop after early grain or a crop which fails. It matures a crop in 6 to 8 weeks after seeding. Cow Peas sown with German Millet makes fine hay. Sown in this way, it should be sown with some quick maturing variety of Cow Peas and should be sown at the rate of three pecks of Millet and one bushel of Cow Peas to the acre. "Gold" Brand Fancy Southern Millet. Write for prices.

1126. **Hungarian Millet.** Often called Hungarian Grass. Many regard this as being better even than German Millet, as it is about one week earlier and requires less moisture. The hay is fine and of excellent feeding value.

It is especially valuable on account of requiring such a short season to make a fine crop of most excellent hay. For this reason it is much used as a catch crop. It can be sown as late as the 4th of July with good results, in ordinary seasons. It is much used for following such crops as early potatoes and barley for a crop of hay, thus giving two crops on the same land in one year. Also grown as a green manuring crop to turn under, adding humus or fertility for future crops. Hungarian Millet does not grow so coarse as some other varieties, but still yields quite heavily, from two to four tons of hay to the acre being an ordinary crop. Hay is quite leafy, of very fine quality. Should be sown at any time between the middle of May until the end of June at the rate of one bushel per acre. "Gold" Brand. Write for prices.

1278. **Tennessee Cultivated Golden Millet.** This variety is extensively used throughout the United States, as they find it more nutritious in value for feeding. It is sown at the same time and at the same rate per acre as the common Millet. Growers once using the Tennessee Cultivated Millet will never plant any other kind. Grows more vigorous, gives a much larger yield of hay. "Gold" Brand, $2.50 per bushel.

1207. **Japanese Millet.** Grows from 6 to 9 feet high, stands up remarkably and yields enormous crops. It makes good hay and in quality is superior to Corn Fodder. It is relished by all kinds of stock. 15 lbs. to acre broadcast. 10 to 12 lbs. in drills 12 inches apart. Cultivate until 18 inches high when its rapid growth will smother all weeds. It does best on low moist ground. "Gold" Brand, 10 Lbs. $1.00. 100 Lbs. $9 00.

1170. **Pearl or Cattail Millet.** It is largely used by dairymen. It furnishes them green food throughout the Summer. Should not be planted before May in warm soils, as it is a tropical plant and grows to the best advantage in warm weather. It will grow 10 to 12 feet high, but should be cut when it has reached the height of 3 to 4 feet, when it will stool out enormously and make a rapid growth. In this way 3 or 4 cuttings a season can be obtained. It can be fed either green or cured as dried forage, making a most nutritious feed which is relished by all kinds of stock. Sow 5 lbs. per acre, in drills 3 feet apart, or broadcast at the rate of 20 to 30 lbs. per acre. Please write us for lowest prices.

"Gold" Brand Southern Grown German Millet

Velvet Beans—Makes an Enormous Growth for Forage The Cheapest and Best Soil Improver

Velvet Beans make an enormous growth of vine; greater, in fact, than any other known forage plant, in the same length of time, far surpasses the Cow Pea in yield. Velvet Beans are usually planted in rows 4 or 5 feet apart at the rate of half bushel per acre. The Velvet Bean being of such luxuriant growth, adds very large amount of nitrogen to the soil and when the entire crop of vines is turned under shows that the plant food added by the crop amounts to as much as that contained in 2,200 pounds of Cotton Seed Meal or 1,100 pounds of Dried Blood. Velvet Beans can be pastured throughout the Winter; both vines and beans remain palatable throughout the season from about the first frost. Please write for lowest market prices.

Bolgiano's Rye Grasses for Spring Planting

The Italian and Perennial Rye Grasses are really the quickest growing of any of the Grasses and will furnish a quick growing, most nutritious and leafy pasturage, at the same time making very good hay Grasses. On account of their quick, early growth they should be a constituent part of nearly all hay and pasture mixtures.

1121. **English or Perennial Rye Grass.** This is becoming well known in this country as a valuable pasture grass which will bear frequent close cropping. Produces an abundance of foliage, which remains bright and green during the season. The hay is relished by all kinds of stock. It will grow well on almost any land. When sown by itself sow 30 lbs. per acre either in the Spring or Fall. Price: Lb. 12c. 100 Lbs. $10.00.

1172. **Italian Rye Grass.** Like Perennial Rye Grass, valuable for pasture and also for hay. Thrives on rich, moist land, where from 3 to 4 cuttings may be made in a season. It grows very quickly and will stand close pasturage. Will stand more overflow than other Grass. It is less wiry than Perennial Rye Grass and is particularly well adapted to the soils and climate of Florida, where it is sown very extensively in the Fall and Winter for lawn purposes. About 24 lbs. of seed to the acre. Price: "Gold" Brand, 12c Lb. 100 Lbs. $10.00.

1249. **Pacey's Short Seeded Perennial Rye.** Specially suited for fine lawn mixture, extensively used on the beautiful lawns in England. It makes a quick leafy growth of fine texture. 12c Lb. 100 Lbs. $10.00

Enormous Crops of Hay are Produced from Bolgiano's "Gold" Brand Alfalfa Seeds

Bolgiano's Dwarf Essex Rape

Dwarf Essex Rape

1127. It is an annual, bearing a close resemblance in leaf and stalk to the Ruta Baga, but both leaves and stalks are more numerous in the Rape plant, and of a taller habit of growth. It is a pasture plant which must be eaten off by any kind of live stock, but it is pre-eminently fitted to furnish pasture for sheep, cattle and swine. Under favorable conditions Rape is ready for pasturing sheep or cattle within 6 weeks from the time of sowing, and on an average one acre will carry from 12 to 15 sheep six weeks to two months. When on the Rape they should at all times have access to salt, but water is not necessary. As it thrives best in cool weather, it should not be sown in the Southern States until September or October for Winter pasture. Its fattening properties are probably twice as good as those of Clover, and for sheep the feeding value of Rape excels all other plants we know of. Under average conditions a yield of from 10 to 20 tons or more of green forage per acre may be expected. For continued hog pasture sow Rape early and at successive intervals. It may well follow any grain crop and is always splendid to plow under for green manure. Sow 5 lbs. per acre broadcast. 2 to 3 lbs. per acre in drills. 10c Lb. 10 Lbs. at 9c. 100 Lbs. $8.00.

Flax

1194. **Flax.** When grown for seed, sow one bushel to acre; if fibre is wanted, 2 to 3 bushels. Prices fluctuate. Please write for lowest prices.

Speltz, or Emmer

1210. **Culture.** Prepare your ground as you would for wheat or oats, sow at the rate of two bushels per acre. It is extremely hardy and can be sown earlier than Spring wheat or oats, as light frost does not affect it; it can be sown later but early sowing is better. Please write us for prices.

Rye

1135. **Spring Rye.** Distinct from the Winter Rye, grain of finer quality and more productive, can be successfully grown in any latitude, and is now being largely grown in the Middle States in place of oats, being a much more profitable crop on account of the production of nearly four times the straw, and also as a "catch" crop where Winter grain has failed. Produces 30 to 40 bushels of grain per acre. As it does not stool like Winter Rye, not less than two bushels to the acre should be sown. Please write for prices.

Cow-Horn Turnip

326. **Long Yellow Cow-Horn Turnip.** It has been found by practical farmers that there is no better way for aerating and adding humus to the soil in the Winter time than by sowing Long Yellow Cow-Horn Turnips. They can be fed to the stock as they are needed and the rest allowed to remain in the ground and rot, having a valuable fertilizing property. They grow nearly half out of the ground and are carrot-like in form. Sow two pounds of seed to the acre, broadcast. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. Lb. 30c. 5 Lbs. at 25c.

Mammoth Russian Sunflower

1211. Sunflower has proved to be the best paying crop of anything that has been planted during the last two years. Sow in March to July, 5 to 10 lbs. per acre. Plant with Corn drills in rows 3 to 3½ feet apart and thin to 1 plant every 18 to 22 inches, cover very lightly, not over 2 to 2½ inches, the less the better. Write for prices.

Buckwheat

Buckwheat. For a late Summer crop Buckwheat is very desirable and profitable, especially in mountainous sections. It is easily grown, makes splendid flower food for bees and of a large yield of grain, which can usually be sold for remunerative prices. As a smothering crop, where the land contains objectionable weeds, it is very desirable, and it puts the soil in admirable condition for crops to follow.

1160. **Japanese Buckwheat.** It has the advantage of remaining for some time in bloom and produces seed earlier. It resists drought and blight very well. As much as 40 bushels to the acre have been harvested, making it very profitable to raise. Sow 1 bushel per acre. Pk. 50c. Bu. $1.50. Please write us for latest prices.

1178. **Silver Hull Buckwheat.** A prolific and favorite sort, making a fine quality flour. A superior variety in every way to the ordinary Buckwheat, which it has almost entirely superseded. Please write us for latest prices.

Barley

1209. **Beardless Spring Barley.** This crop has been sown with satisfactory results for two or three seasons past in this section and further South. It makes a quick growing crop of most excellent and nutritive green feed and is growing in popularity wherever it is used, and will also make a good grain crop, although its principal value is as an early nutritious forage crop, either to feed green or cure as hay. Sow 1½ to 2 bushels per acre. Please write us for market prices.

1149 Hairy Vetch (Vicia villosa)

This is a very valuable forage plant and is rapidly becoming more popular each year, as the farmers of this country are learning more of its great value. It is very hardy, is valuable as a Winter cover crop to prevent leaching, and for forage and fertilizing purposes. It is an annual, but resows itself and will come up year after year on the same ground. It succeeds well on nearly all soils and thrives surprisingly on poor, light land and will endure extremes of drought, heat and cold. It improves the soil, being a great nitrogen gatherer. The roots bear innumerable nodules or nitrogen-gathering bacteria. These take the nitrogen from the air and restore it to the soil, where it is so much needed. It belongs to the Pea family, but the vines are much longer and the foliage is more abundant. It may be sown either in the Spring or Fall with about half a bushel of Rye or Oats for support. It grows rapidly and is particularly valuable in sections where Clover does not thrive. In the North it remains green all Winter under the snow and it is invaluable for early pasturing or soiling. The Department of Agriculture estimates the value of an acre of this Vetch plowed under equal to commercial fertilizer at the rate of from $16 to $40 an acre. When sown in August or September it covers the ground before frost and prevents leaching of the soil during the Winter and Spring. When sown in April or May it can be cut in July, the second growth affording excellent pasture during the Summer. The yield of green fodder is from twelve to twenty tons an acre. This may seem to be an exaggerated statement, but when the amazing stooling propensities of this plant are taken into consideration the yield is readily accounted for. As many as twenty long vines spring from each root. When raised for hay it should be left standing until some seeds have become well formed. Not only does it produce an enormous amount of very valuable feed, but it at the same time restores to the soil a great amount of fertility, which is so much needed. 50 to 60 pounds of seed required to the acre. "Gold" Brand, Lb. 20c. 10 Lbs. at 15c Lb. 100 Lbs. at 13c Lb. Write us for latest market prices.

Spring Vetches or Tares

1150. Closely associated with Peas in character. Used for the same purpose as Hairy Vetch, but must be planted in the Spring wherever the Winters are severe, as this variety is not so hardy as Hairy Vetch. Highly valuable for soiling or for green manuring. Sometimes grown with Oats for mowing and feeding to stock. Thrives best in well-drained soil, doing best in loams or sandy loams, though excellent crops are grown both on sandy and gravelly soils. Sow alone 70 to 90 pounds per acre, and if with Oats 60 pounds of Vetch and 40 pounds of Oats. Sow in Spring while the ground is cool and moist or in early Autumn. "Gold" Brand, Lb. 10c. 10 Lbs. at 9c. 50 Lbs. at 8c. 100 Lbs. at 7c. Write us for latest market prices.

Oregon Vetch

1275. Same as Spring Vetch, but owing to its hardiness is known as Oregon or Winter Vetch. It can be planted in the Fall in all of the Southern States as well as in the Spring with results about the same as Hairy Vetch. Sown alone, sow 70 to 90 pounds per acre. Sown with Oats, sow 60 pounds Vetch and 40 pounds Oats. "Gold" Brand, Lb. 10c. 10 Lbs. at 9c. 50 Lbs. at 8c. 100 Lbs. at 7c.

Sow Scarified Seed and Increase Your Yield

We will Scarify your Sweet Clover, Alfalfa or Burr Clover for one cent per pound above our list prices

Sweet Clover often contains 50 per cent of hard seed, Alfalfa often contains 25 per cent hard seed. Although the seed may be 100 per cent pure, tests have proven it sometimes takes six months to a year to get hard seed to germinate and a lot will not germinate then.

Have your seed scarified and practically all of them will grow. The scarifying is done by a machine specially built for the purpose of scarifying the hard outer coating of the seed, thereby allowing the moisture to penetrate quicker, producing a more rapid and complete germination. The extra cost of scarifying is more than made up in the large increase in yields obtained.

Notice.—One test just completed on Sweet Clover: Before scarifying 50 per cent germination; after scarifying 94 per cent germination.

One-Year-Old 5-Pound Vetch Root

Cow Peas

Peas could be made to bring more nitrogen to the soils of this country every year than is now purchased annually by the farmers at the cost of millions of dollars.—*Yearbook of the U. S. Department of Agriculture.*

The great soil improvers. Makes poor land rich. Makes good land more productive. Also makes a splendid and nutritious green forage or hay crop, enriching the soil even when the crop is cut off.

1175. **Mixed Cow Peas.** We strongly recommend sowing Mixed Cow Peas as a soil improving crop. The upright growing varieties holding up the vining varieties; they will make a much better growth and give more satisfactory results, yielding better crops of vines and more forage. They are composed of the Blacks, Black Eye, Clays, Whip-poor-wills, Wonderful, New Era and Soja Beans. If once tried you will sow no others where large crops are desired. Please write for latest prices.

1159. **New Era.** This new extra early Cow Pea is unquestionably one of the most valuable varieties in cultivation. It is quicker in growth than any other Cow Pea in cultivation; makes a very large growth of vine and very prolific yield of Peas. The vines stand upright, enabling the Peas to be easily gathered. The Peas are fully one-third smaller in size than any other Cow Pea, so that it does not require nearly as many to seed an acre. Please write us for latest prices.

1162. **Black Cow Peas.** Seed medium sized and Black. Vines trailing. Seed matures early. Please write us for latest prices.

1163. **Clay Peas.** Seeds medium sized and cream colored. Vines grow tall and erect. Seed matures medium late. Write us for latest prices.

1164. **Whip-Poor-Will.** Vines erect. Seed large and mottled red and white and matures early. Good to grow between Corn. Please write us for latest prices.

1166. **Wonderful or Unknown Pea.** Seed medium sized and buff. Vines erect if planted late, trailing if planted early. Seed matures late. Please write us for latest prices.

1208. **Shinney Pea.** Very popular, seed large, mottled white and red, early maturing, erect vines. Please write us for latest prices.

1168. **Black Eye.** Vines erect. Seeds medium sized and white, matures medium late. Please write us for latest prices.

1190. **Red Rippers.** Red seeded, resembles Black Cow Peas in growth of vines, but 10 days earlier and more prolific. Please write us for latest prices.

1241. **Gray Crowders.** Vine trailing, seed large and mottled gray and blue. Matures medium late. Please write us for latest prices.

1271. **Groit.** A fine, new, early maturing Cow Pea, somewhat resembling New Era in appearance and size of seed, but makes a larger growth. Very highly recommended as an early maturing, large-yielding variety. Please write us for latest prices.

1305. **Brabham Peas.** This is a cross between the Whip-Poor-Will and Iron varieties. It is especially valuable in that it partakes of the good characters of both parents. It has the tall vigorous growth of the Whip-Poor-Will and the same immunity to wilt and rootknot and the ability to hold its leaves as the Iron. It matures a little later than either parent. Please write for lowest prices.

New Era Cow Peas—43 Days After Planting

Canada Field Peas

1165. Here is a crop which is not only profitable, but will return to the land the much needed nitrogen. Peas are second only to Clover in their soil enriching properties and can be grown under almost any condition of soil or climate. There is always a ready market for Peas, or they can be profitably ground and fed to the stock. The vines make rich, nutritious hay. If fed to milch cows, when in a green state, pods, vines and all, the flow of milk will be almost doubled.

Peas are a paying crop, and can be profitably planted in many ways.

First. When sown alone about three bushels are required to the acre. They can be matured and threshed when dry. The yield will vary from 30 to 60 bushels an acre.

Second. Peas and Oats are frequently sown together, using 1½ bushels of Peas and 2 bushels of Oats an acre. By so doing a double crop can be secured. They can be threshed at one time and readily separated in cleaning.

Third. They can be sown alone or with Oats and fed green. It is surprising the amount of fodder which is produced in this way. If sown together, the Peas should be sown first and plowed under about four inches deep, the Oats may then be drilled in.

Fourth. For plowing under when Peas and Oats are sown together and each are "in milk" they are nearly equal in value to Clover, used in the same way to enrich the soil. Sown in January, February or early March. Pk. $1.25. Bu. $4.00. Write for prices.

Soja Beans

1242. **Mammoth Yellow.** The largest growing and most popular Soja Bean for forage purposes, although a little later in maturing than other varieties. Bu. $3.00.

1243. **Tar-Heel or Mammoth Black.** Slightly earlier than Mammoth Yellow and produces about same amount of forage. Bu. $3.25.

1244. **Mammoth Brown.** Matures slightly earlier than Mammoth Yellow and produces about one-third more forage. Bu. $3.25.

1246. **Wilson Black.** Very small seed, matures in about ninety days, can be grown in the Northern States where an early variety is desired. Bu. $4.00.

1247. **Pekin.** Similar in appearance to Wilson, maturing about the same time. Average height 2½ to 3 feet. Write for prices.

1248. **Sable.** Small seed, similar in appearance to Pekin and Wilson and produces about the same amount of forage, but matures slightly earlier. Write for prices.

Seed Oats

1156. **Burt or 90-Day Oats.** The earliest, most prolific and surest cropping of Spring Oats; far superior to an ordinary Spring or rust-proof Oats for Spring seeding. Wherever this Oat is grown it comes into great favor. For a Spring Oat for seeding in March and April it is the best and surest of Spring Oats. It is earlier to mature, free from rust, healthy, clean and vigorous growth of straw, and makes a very good yield of clean, bright and heavy grain. On account of its earliness to mature, it escapes the dry hot weather we frequently experience in June, and is on this account one of the surest cropping varieties of the South. Color and appearance of grain somewhat resemble the rust-proof Oat. Please write us for latest prices.

1161. **Virginia Gray Winter or Turf Oats.** When sown early, before the Middle of March, these Oats will far outyield the ordinary Spring Oats, making a larger crop and heavier grain. For seed purposes, too, it is most desirable to sow Winter Oats in the Spring, as they make a better and cleaner seed Oats for sowing in the Fall than if continual seedings are made from the Fall-grown Oats. Further North than Virginia remarkable results have been obtained from these Oats, when sown even as late as the first of May, and from the reports of our customers, we strongly recommend these Oats to our Northern and Western farmers, as we believe that they will give much larger and better yielding crops than the Spring Oats usually sown in the Northern and Western States. Sow at the rate of 1½ to 2 bushels per acre. Please write us for prices.

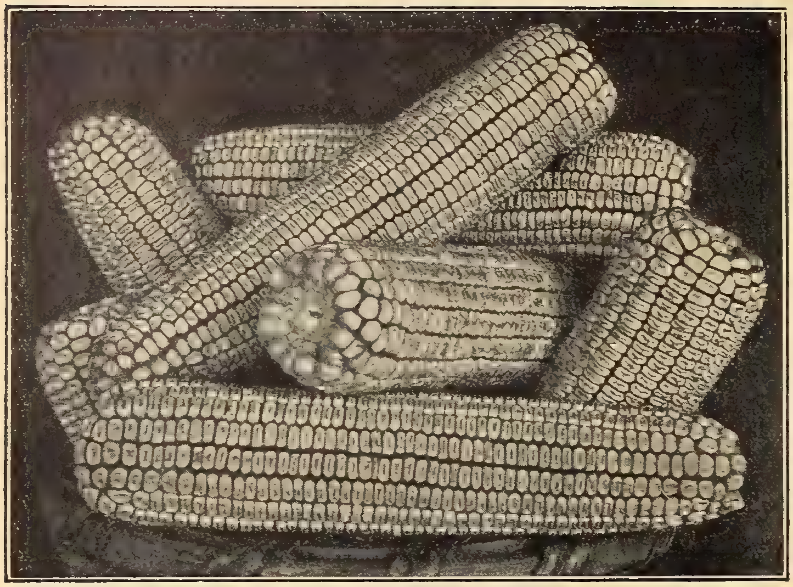
1157. **White Spring Oats.** This is the variety most generally sown throughout the North and West, and is also so largely grown in this section, although the newest varieties offered by us are decidedly preferable, both as to yield and reliability of cropping. Please write us for market prices.

1272. **Appler Oats.** The Appler Oat is equally adapted for sowing both in the Spring and in the Fall, but when sown in the Spring should be sown before the middle of March. It is a strong, quick growing Oat, bunchy head and heavy grain. One of the best and most reliable Rust-Proof Oats for the South. Please write for market prices.

1273. **Bancroft Oats.** An improved strain of Rust-Proof Oats. One of the best, largest yielding and surest cropping of Spring Oats. Matures in about 95 days. Please write for market prices.

1274. **Montana or Swedish Oats.** These Oats originally imported from Sweden are very large, white, plump and heavy grained and yield enormous crops. The straw is coarse and is noted for its stiffness and power to withstand lodging and is a great drought resister. Please write for market prices.

Burt or 90-Day Oats



The J. Bolgiano Seed Co.'s Wonderful "Prosperity" Corn

Bolgiano's Wonderful

Prosperity

Yellow Dent Corn

Has Yielded of Shelled Corn 160 Bushels Per Acre
Average Yield 10 Years on About 100
Acres 125 Bushels Per Acre

Corn Weight by Parcel Post: Pts. 1 Lb.; Qts. 2 Lbs.; 4 Qts. 6 Lbs.; Pk. 11 Lbs.

Parcel Post Rates, see Page 2

1141. **Bolgiano's Prosperity Corn.** If you really want to grow a bumper crop of beautiful Yellow Dent Corn this year, just take our advice and plant Bolgiano's "Prosperity" Corn. Large kernels, well developed over tip and butt. It is a luxuriant grower, from 12 to 15 feet high, and if planted during the first half of May, will mature before the 20th of September. For more than a score of years "Prosperity Corn" has been under the most watchful breeding and selection; the magnificent results more than pay for every effort put forth. The yield has been miraculous, 160 bushels or more of shelled Corn per acre, and it has even averaged on a number of acres planted the same year 133 bushels shelled Corn per acre. During a continuous test of 10 years on about 100 acres it has averaged 125 bushels shelled Corn per acre. Is it any wonder we have called such a wonderful Corn "Prosperity"? "Prosperity" is undoubtedly the most attractive, the largest, the finest, the greatest yielding Yellow Dent Corn ever produced. Bu. $3.50.

1138. **Long's Prolific.** The climax of 25 years of Corn breeding and selection by Mr. I. S. Long. Pk. 90c. Bu. $3.00.

1140. **Reid's Yellow Dent.** This is a splendid Yellow Dent variety with 18 to 24 rows of kernels on an ear. The cob is small and red and the grains are very close together, so there is scarcely any room between the rows. Reid's Yellow Dent has been awarded more prizes at Corn shows than any other variety except "Prosperity." The ears average 8 to 10 inches long. The stalk is very heavy and is not easily blown down. It matures in 90 to 100 days and is a heavy yielder in the Middle and Southern States. Pk. 90c. Bu. $3.00.

1143. **Improved Leaming Corn.** Its extreme earliness and fine quality has made it very popular with the farmers, and especially with those in the localities where the seasons are short. It produces from 65 to 90 bushels to the acre, in accordance with the quality of the soil. The ears and grains are of medium size. Pk. 90c. Bu. $3.00.

1213. **Iowa Gold Mine Corn.** A splendid Yellow Dent variety. It is early, ears are not excessively large, but of a good size and symmetrical. Color a bright, golden yellow, shining like a new coin direct from the mint. Grain is very dry, cob small and dries out nearly as soon as it ripens. Seventy pounds of ear Corn make 60 to 62 pounds of shelled Corn, and in hauling to market it weighs out five bushels more to the wagon load than common varieties in the same size wagons. Seventy pounds of Iowa Gold Mine Corn on the ear have given 64 pounds of shelled Corn and only 6 pounds of cobs. This cannot be equalled by any other Corn in the world. The kernels are deep, wedge-shaped. Pk. 90c. Bu. $3.00.

1139. **Mammoth Golden Beauty Corn.** Has the largest ears of any 100-day Corn. It outyields many other Corns. The increased yields repay the seeds many times over. Growers should make sure of getting the largest yield and most handsome grain to meet competition and secure the highest prices. Ears usually averaging from 9 to 12 inches long and from 20 to 30 rows on the cob, some of the stalks bearing from 3 to 5 ears. Then why use your poor stock any longer? It has produced 150 bushels shelled Corn to the acre. Pk. 90c. Bu. $3.00.

White Varieties of Seed Corn

1299. **Eureka Ensilage Corn.** The very best Silo Corn on the market. For many years we have used great care in the selection of our seed, which will give a large amount of fodder, 3 or 4 long, slender ears of Corn to the stalk. Grows to a height of 15 feet. Can be sown in hills or planted in checked rows. It is a very rapid grower and can be grown throughout the United States with wonderful success. Growers should not miss planting this special variety of ours for their Silo Corn. Pk. 90c. Bu. $3.00.

1145. **"Hickory King" White Corn.** So large are the grains and so small the cob that on an ear broken in half a single grain will almost cover the cob section. Of a strong growth, the stalks take a firm hold in the ground and stand upright, resisting severe storms. It yields splendid crops on light soils, and is undoubtedly the best and most productive White Field Corn for the South. Pk. 90c. Bu. $3.00.

1148. **Bolgiano's Cuban Giant Ensilage Corn.** We have thoroughly tested the Cuban Giant beside all large white grain ensilage varieties. Grains are pure white, very large, broad and long. Of stronger vitality than any other variety. It is the best milk producer of all ensilage Corns, being as sweet as Sugar Corn. Outyields the Red Cob Ensilage and is 10 to 12 days earlier. It is the most perfect Corn we have found in our years of experience. Pk. 90c. Bu. $3.00.

1214. **Evergreen Broom Corn. Improved.** An excellent variety; is a good length, fine, straight and has a green appearance when ripe, and sells at the highest market price. Sow in drills three feet apart and thin out to three inches. Sow 5 pounds per acre. Lb. 15c.

1215. **Collier's Excelsior White Corn.** We believe this to be the best all around White Corn in existance. It is a heavy yielder; has large ears, deep grain, small cob and produces good-sized fodder, free from barren stalks. Matures in 110 to 115 days. Pk. 90c. Bu. $3.00.

1177. **Iowa Silver Mine Corn.** The stalks grow 7 to 8 feet high and set the ears about 3½ to 4 feet from the ground. Just the right height for easy picking. Early, maturing in 95 days, dries out rapidly and is ready for market very early. It is a sure cropper, deep grain, pure white, and a good Corn in every way. It produces a better crop on old, thin land than any other Corn, as it seems to adapt itself to unfavorable conditions. The ears bear 16 rows, very straight and close together. Pk. 90c. Bu. $3.00.

1054. **Red Cob 90-Day Corn.** This Corn meets a long felt want, because it can be used as a roasting ear Corn and when fully matured makes a first-class Crop Corn for feeding stock. The ear is large, handsome, suits for an early crop or for a late crop, because it matures in 90 days. This makes it always a safe and profitable crop. Pk. 90c. Bu. $3.00.

1142. **Maryland White Corn.** This very handsome Corn is the favorite of old farmers who like a big grain on a small cob. The grain is pure white, with good-sized ear, having ten rows to the cob. Used for general crop. Pk. 90c. Bu. $3.00.

1179. **Blount's Prolific.** One of the largest yielding varieties for the South, producing 3 to 6 ears of white, flinty Corn to the stalk. Makes excellent meal. Pk. 90c. Bu. $3.00.

1257. **Boone County White.** Ears well filled out at both ends, cylindrical, 9 to 11 inches long, averaging 20 rows, some 18 and 22. Grain very deep, a litle rough. Cobs white, of medium size. Pk. 90c. Bu. $3.00.

1069. **Connecticut Field or Large Yellow Pumpkin.** Excellent for growing in Corn. Lb. 40c.

1058½. **Kentucky Field Pumpkin.** Very large and flat, grown extensively and profitably in cornfield. Lb. 35c.

Kaffir Corn—The Great Forage Plant

1147. **White Kaffir Corn.** Makes nutritious food for stock and poultry. Kaffir Corn in the last few years has been generally sown with Cow Peas, broadcast, at the rate of a peck of Kaffir Corn to a bushel of Cow Peas per acre. The Kaffir Corn helps to hold the Cow Peas up off the ground, thus causes a large growth of Cow Peas, and both can be cut together, making an enormous yielding crop of most nutritious feed. For a forage crop when sown by itself Kaffir Corn should be sown broadcast at the rate of from ¾ to 1 bushel per acre. When sown for a forage crop, either by itself or with Cow Peas, the crop should be cut before it is headed out. Lb. 6c. Pk. 50c. Bu. $1.50. Write for latest prices.

1169. **Red Kaffir Corn.** Non-saccharine. The plant is low, stalky, perfectly erect—the stalk as well as the blades; cures into excellent fodder, and in all stages it is available for greed food. Lb. 6c. Pk. 50c. Bu. $1.50. Special price in quantity.

1146. **Early Amber Sorghum.** Furnishes a large yield of most nutritious forage, which can be fed either green or cured, and will yields 2 or 3 cuttings a year, stooling out thicker each time it is cut. It grows 10 to 12 feet high. Sow broadcast for forage at the rate of 1 to 1¾ bushels per acre. When sown in drills, sow at the rate of 1 peck per acre in drills 3½ to 4 feet apart. Please write for prices.

1276. **Red and White Milo Maize.** These are popular varieties of sorghum, somewhat similar to the Kaffir Corn, valuable for both forage and grain. Cultivation is same as for Kaffir Corn. Lb. 6c. Pk. 50c. Bu. of 50 lbs. $1.50.

1158. **Early Orange Sorghum.** This variety is rapidly growing in favor wherever it is grown. Similar in growth to Early Amber, but it is claimed that it produces a heavier crop. Please write for lowest prices.

Fertilizers for the Farm, Garden and Lawn

We present a list of our brands of Fertilizers. You cannot judge the merits of a Fertilizer only by the analysis, but you must have a knowledge of the basis from which it has been made.

It is a well-known fact that the animal waste products produced in the abattoirs give the purest and most available basis for Ammonia and Phosphoric Acid. This is the basis of our goods. The company that manufactures our Fertilizers own and control a sufficient number of abattoirs, independent of the meat trust, to secure for our goods this unexcelled source of our plant food. The expense is almost as much working and reaping one-half a crop as it would be harvesting a full crop, which a good fertilizer would help to produce.

The four columns in the Analysis represent the following ingredients respectively: Ammonia, Phosphoric Acid, Potash, Bone or Phos. of Lime.

We call special attention to the analysis of our list of high-grade Fertilizers. We are now able to offer goods containing a high percentage of Potash.

	Analysis	Ton	½ Ton	500 Lbs.	100 Lbs.	50 Lbs.	25 Lbs.
Potato Guano	7–6–5	$68.00	$34.00	$18.00	$4.00	$2.25	$1.25
High-Grade Trucker	5–8–5	60.00	30.00	16.00	3.75	2.00	1.15
Early Truck and Vegetable Grower	4–8–5	58.00	29.00	15.50	3.50	2.00	1.15
Bull Head Fertilizer	3–8–2	48.00	24.00	13.00	3.00	1.75	1.15
Corn and Cereal Special	2–8–2	38.00	19.00	10.50	2.50	1.50	1.00
Dissolved Organic Compound	1–9–3	38.00	19.00	10.50	2.50	1.50	1.00
Sure Grower	1–8–1	30.00	15.00	8.50	2.00	1.15	.75
Crop Producer	1¼–10–0	32.00	16.00	9.00	1.75	1.00	.65
Pure Raw Bone Meal	4½–0–0–48	58.00	29.00	15.50	3.50	2.00	1.15
Pure Ground Bone	2–0–0–50	54.00	27.00	13.50	3.25	1.85	1.15
Pure Ground Bone	3–0–0–50	55.00	27.50	14.75	3.25	1.85	1.15
Acid Phosphate	0–14–0	23.00	11.50	6.25	1.50	.85	.50
Acid Phosphate	0–16–0	25.00	12.50	6.75	1.50	.85	.50

Nitrate of soda market fluctuates, please write for our lowest prices.

Blood Meal—for Roses

Rose growers have learned in the past few years that Blood Meal is one of the most valuable fertilizers for Roses. It contains the proper plant food that Roses require, both for the growing of new wood and blooms. If you will use Blood Meal several times during the season, you will always have an abundant supply of blooms until late Fall.

It is well to remember that all plants require the proper amount of food if they are to do their best, and after carefully studying the requirements of Roses, we can recommend Blood Meal to be the very best.

A tablespoonful to be sprinkled around the Rose Bush, about one inch away from the Bush, every two weeks. It is also very valuable as a top dressing in the vegetable garden, flower garden, around house plants, trees and in hot houses. 1 Lb. 10c. 3 Lbs. 25c. 5 Lbs. 40c.

NITRO-FERTILE

Used by Florists and Professional Growers

Specially Adapted for Use by the Home Gardener

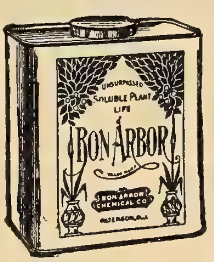
THE ODORLESS LIQUID FERTILIZER

A scientific combination in liquid form of the three essential elements in plant growth, Nitrogen, Phosphoric Acid and Potash. Nitro-Fertile being a liquid goes straight to the roots, showing results in from three to ten days. Flowers treated with Nitro-Fertile take on a healthier glow and develop to maximum size and quality. Shrubbery attains complete growth. Vegetables mature more fully and more quickly. Lawns scanty at the start, become thick and velvety. Mix two tablespoons of Nitro-Fertile with one gallon of water (one gallon to 120 gallons of water) and pour around the plants, soaking the soil thoroughly.

Lawns. Every three weeks during the late Spring and Summer sprinkle the lawn thoroughly with the mixture of water and Nitro-Fertile. During the dry season of July and August Nitro-Fertile will reduce the necessity for nightly watering with the hose.

½ Pt. 35c. Pt. 60c. Qt. $1.00. ½ Gal. $1.75. Gal. $3.00.

BEAUTIFUL FLOWERS, DELICIOUS VEGETABLES, LUXURIANT HOUSE PLANTS



All these Pleasures are Assured if You Use BON-ARBOR, the Ideal Food and Tonic for Household Plants and Home Flower and Vegetable Gardens—Clean, Safe, Odorless, Effective.

Bon-Arbor is immediately soluble in cold water, therefore all the properties are available to plant life from the moment of application. It is quick in action, enabling you to see its effects in from 3 to 10 days on any quick growing plants, vegetables and lawns, and on slower growing plants in a proportionate time. It being complete food, containing Nitrogen, Potash and Phosphoric Acid in sufficient quantities, will sustain growth it makes.

BON-ARBOR Is Put Up As Follows:

½ Lb. package, making 15 gals., by mail postpaid	35c
1 Lb. package, making 30 gals., by mail postpaid	60c

"Red Snapper" Plant Food

This is an organic fertilizer, containing absolutely no harmful chemicals or drugs of any kind or description. It is a nourishing, properly balanced food, and not simply a stimulant, and is the richest, most nutritious and yet harmless fertilizer for house plants, climbing vines, rose bushes, etc., ever placed on the market. Every particle of the food is taken up by the plant, giving a most wonderful growth and coloring. The blossoms come out exceedingly profuse, with a richness of color never yet attained with any other plant food. Its effect on plants can be noticed within a few days after the first application. The color of the foliage soon becomes a darker green; the leaves and branches seem almost to be bursting with health and vitality; the flowers and blossoms take on a beauty of coloring and size beyond all expectations. Fed to the plants in proportion of one teaspoonful to a quart of water every two weeks, it keeps them growing and blossoming practically all the year round. Applied to outdoor plants, shrubbery, hedges, flower beds, kitchen gardens, etc., it is just as valuable and keeps them in blossom and foliage until frost. "Red Snapper" Plant Food is a dry flour made from the heads of the South American "Red Snapper," which are steamed under high pressure into a gelatinous mass, then sterlized, aerated and dried under intense heat, then ground and bolted on meal grinding machinery to a fine flour, analyzing at this stage about 8 per cent pure nitrogen and 35 per cent bone phosphate, making a wonderfully rich, yet mild and nutritious plant food. To supply potash tobacco stems are used, these are charred to a dark brown color after which they are also ground and bolted into a fine flour and mixed with the fish bone meal. Other rich and nutritious ingredients are also used to make a perfectly balanced, effective plant food. Price: 10 Ozs. 25c. 2 Lbs. 50c.

The Most Beautiful Lawns In America

Analyzed as to Purity

Druid Hill Park Velvet Green Lawn Grass Seed

Tested as to Germination

Absolutely the best Lawn Seed Experience Can Suggest, or that Money Can Buy. Will Produce a Beautiful and Permanent Lawn in Four to Six Weeks

Parcel Post Rates, see Page 2

A lawn may be made in two ways, by sodding or by sowing seed. Sodding is not only very expensive but unsatisfactory as well. Sods are ordinarily taken from the pasture or along the roadside and almost invariably contain weed seeds and coarse tufty grasses, which make their appearance after the lawn is made. **Seeding is not only cheaper, but is attended with better results.** The most important thing to consider in selecting seed for lawn grass, is to obtain a proper mixture of several varieties, for two reasons: First, each variety is at its best during a certain part of the season. By properly choosing early, medium and late grasses, a smooth, even, green lawn is assured from early Spring to late Autumn. Second, a given area can support only so many grass plants of one kind, for they all absorb the same food, but if several varieties are sown, the same area will support many more plants, as different sorts live on various elements in the soil. This will give a much thicker and more luxuriant turf all over the lawn.

With these facts in mind, our Druid Hill Park Velvet Green Lawn Grass Seed is scientifically combined. Our experience of many years has given us an intimate knowledge of grasses, their habits and requirements. In our Druid Hill Park Velvet Green Lawn Grass Seed are included only the very best varieties—pure, clean and free from foul seeds.

Our Druid Hill Park Velvet Green Lawn Grass is very quick in growth, and is ready for mowing in from four to six weeks from time the seed is sown.

From early Spring until late in the Fall, lawns sown with our Druid Hill Park Velvet Green Lawn Grass remain green and fresh, for the reason that this mixture includes quick growing varieties which are at their best soon after the frost is out of the ground, others that mature and flourish in Midsummer, and still others that are greenest and sturdiest in Autumn. For each of these seasons there are several different varieties living on different elements in the soil, so that one is certain always to have a satsifactory carpet of green wherever our Druid Hill Park Velvet Green Lawn Grass is sown.

Not only is our Druid Hill Park Velvet Green Lawn Grass suitable for making of new lawns, but it will be found equally valuable for quickly renewing imperfect, old and worn-out areas. Always see that the soil is thoroughly prepared, carefully pulverized and enriched with Sheep Manure, Bone Fertilizer or Bolgiano's Hydrated Lime before sowing the seed. One pound will sow 20 x 20 feet, 10 pounds will sow 50 x 150 feet, 60 pounds will sow an acre. 30 pounds measures one bushel. **¼ Lb. 15c. ½ Lb. 25c. Lb. 40c. 3 Lbs. $1.15. 5 Lbs. $1.80. Bu. of 30 Lbs. $10.00.**

Bolgiano's Bone Lawn Fertilizer

The very best fertilizer to use on lawns. It contains a large percentage of raw bone and when used on the lawn in early Spring will give a beautiful green lawn all during the entire Summer and Fall. Stable or chicken house manure should never be used as a top dressing on lawns, as it always contains large quantities of weeds. We have therefore had prepared for us this special lawn fertilizer, which is clean of all weed seeds, free from disagreeable odors and is acknowledged by all that have used Bolgiano's Bone Lawn Fertilizer as being the very best for the lawns. It should be sown broadcast early in the Spring or late Fall, 25 pounds to 300 square feet or 2,000 pounds to the acre. When using less than above described, two dressings should be given each year. Many of the best lawn makers prefer using the one dressing in early Spring. Pkt. 10c. 5 Lbs. 45c. 10 Lbs. 75c. 25 Lbs. $1.25. 50 Lbs. $2.00. 100 Lbs. $3.50. 500 Lbs. $16.00. 1,000 Lbs. $30.00. 2,000 Lbs. $60.00.

Bolgiano's Hydrated Lime

After carefully testing all the different limes we find the Hydrated has given the very best results. It cures the acidity of the soil and produces strong, healthy, green sods. It is a sanitary and helpful fertilizer. Some of the finest lawns and grass plots have been produced by the judicious use of Hydrated Lime. If the ground is showing signs of a green cast or moss, use Hydrated Lime at once to save your lawn from the acidity or sour effect that will accumulate. It is a well-known fact that 100 per cent of the lawns need Hydrated Lime. More than 50 per cent of grass seed sown is wasted on account of the sour condition of the soil. A generous application of Hydrated Lime being used two weeks before seeding time will prove very beneficial. It can be applied in early Spring or late Fall with the very best results. We advise when making new lawns, especially where top soil is being used, to apply very freely Hydrated Lime before seeding. Sow broadcast 25 pounds to 300 square feet or 2,000 pounds to the acre. Price per 50 Lbs. $1.00. 500 Lbs. $6 25. 1,000 Lbs. $11.50.

Are Made With Bolgiano's Lawn Grass Seed

Shady Nook Lawn Grass Mixture

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with our Druid Hill Park Velvet Green Lawn Grass Seed it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a rich green sward. ¼ Lb. 15c. ½ Lb. 25c. Lb. 40c. 3 Lbs. $1.15. 5 Lbs. $1.80. Bu. of 30 Lbs., $10.00.

Cloverless Lawn Grass Seed

This excellent mixture contains all the valuable grasses composing our Druid Hill Park Velvet Green Lawn Grass Seed, but it contains absolutely no White Clover Seed. ¼ Lb. 15c. ½ Lb. 25c. Lb. 40c. 5 Lbs. $1.80.

Permanent Pastures

We prepare ten special grass and clover mixtures for hay and permanent pasture, suitable to every variety of soil. For particulars, see page 34.

Special Golf Mixtures

For Putting Greens

What is needed here is a close, low-growing grass that will stand a lot of tramping and will make a springy, tough turf. After thoroughly experimenting and scientifically testing, we have formulated a mixture that will give the desired results of an ideal putting green. This mixture will grow in most any soil. Please write for prices.

For Fair Greens

Over the course, where a very close growing sod is not necessary, but where a beautiful, velvety, green grass is wanted, we especially recommend our special mixture for Fair greens. By using this mixture in connection with our special mixture for putting greens you are assured an even, velvety, green golf course equal to the best of lawns. This mixture will thrive well even on poor soil. Please write for prices.

White Dutch Clover

This is the best Clover for lawns, as it forms a close herbage and remains green throughout the season. It is also a very valuable mixture with grass seed for pasture. Sown in the Spring at the rate of 6 lbs. per acre when sown alone; one-half the quantity when sown with other grass. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c. 5 Lbs. $2.40.

Pulverized Sheep Manure

This is without exception the very best dressing for lawns. The effect is immediate and lasting. It is the only manure that is absolutely free from weed seeds. It contains no dirt, straw, leaves or bedding of any kind, being secured from the cemented floors of the Chicago stock yards. It is three times stronger than cow manure. Contains nitrogen, phosphoric acid, ammonia and potash in liberal proportions. It is also unequaled as a fertilizer for the vegetable garden, flower garden, house plants, trees, hothouse, etc. It also dissolved in water and used as a liquid to nourish all kinds of growing plants. Be sure to give it a trial. 2 Lbs. 20c. 5 Lbs. 35c. 10 Lbs. 60c. 25 Lbs. $1.25. 100 Lbs. $3.75. 200 Lbs. $7 00. 500 Lbs. $17.00. 2,000 Lbs. (in 100-lb. bags) ton $65.00.

LAWN COMPOUND

Lawn Compound

Kills weeds, but not the grass, and makes the sward green and velvety. Destroys Moss, Dandelions, Chickweed, Plantain, Crab Grass and all those weeds having broad, heavy leaves. It also acts as "Lawn Tonic," promoting a vigorous, healthy growth of the grass. 5 Lb. box 65c.

STIM-O-PLANT

PLANT STIMULANT TABLET

An All-the-Year Fertilizer for Garden and House Plants

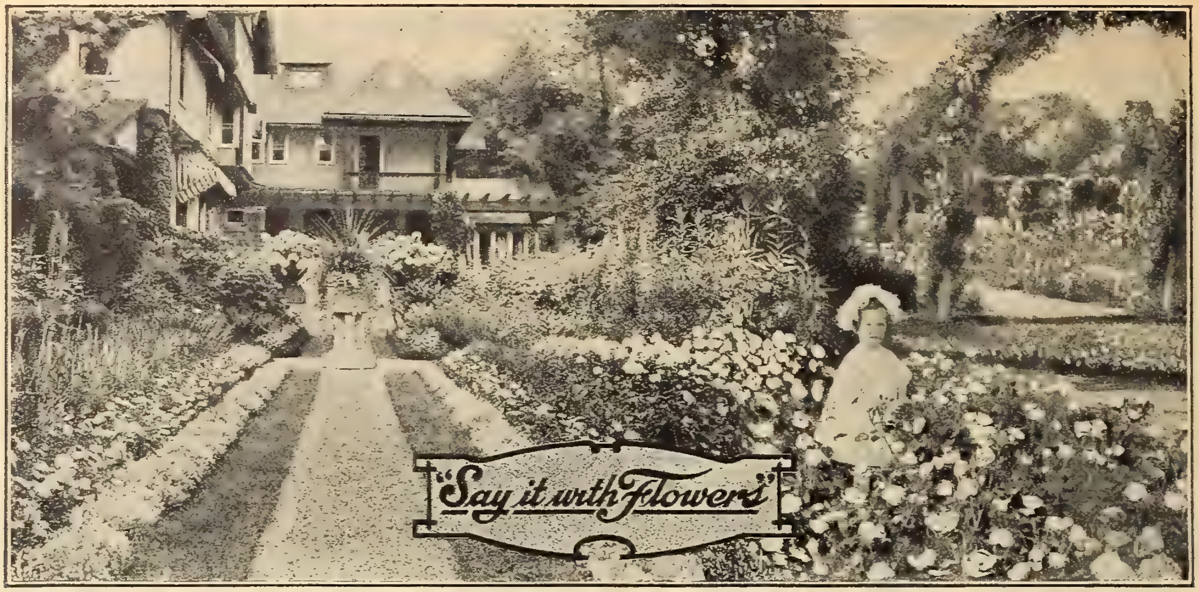
Make Your Garden a Wonder Garden

These tablets increase production, heighten color and improve quality. Many professional and amateur growers use them extensively all the year round—from early spring until late fall outdoors, during the winter for pot plants, hothouse benches, etc. They are equally good for evergreens and other trees as for a small fern, petunia or other potted plant.

Stim-U-planT Tablets

can be used in tablet form, or dissolved in water at the rate of one tablet to the quart. Complete directions with every package.

Order Stim-U-planT tablets with your seed and plant order. Price, 10 tablets for 15c, 30 for 25c, 100 for 75c.



Bolgiano's Dependable Flower Seeds for 1922

Selected Strains — Superior Quality

Packets 10c Each, 3 Packets 25c

Plain Culture Directions Printed on Each of Our Flower Seed Packets

1. **Abutilon.** Flowering Maple. Elegant flowering perennial shrubs. of strong growth and easy cultivation, free flowering with various colored beautiful drooping flowers. Considered indispensable for flowering indoors during the Winter and Spring months and useful for bedding out in the Summer. Pkts. 5c, 10c and 25c.

4. **Acroclinium.** A pretty annual "Everlasting," growing about 15 inches high, bearing lovely white or rosy-pink flowers, which, when cut in the bud state, can be dried and used in Winter bouquets. A nice thing to grow in a mixed border aside from its use as an everlasting. Double mixed. Pkts. 5c and 10c. Oz. 25c.

11. **Amaranthus.** Candatus. Love Lies Bleeding. Rapid growing garden annual, with long, drooping, crimson flowering spikes, 3 to 5 inches high. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c.

12. **Amaranthus.** Tri-color. Joseph's Coat. Showy annual foliage plant for gardens; leaves red, yellow, green, etc.; 3 feet. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 30c.

7. **Ageratum.** One of the best Summer-blooming plants. They are rapid growers and constant bloomers. During the hot, dry Summer months their bright flowers are produced in the greatest profusion of charming blue or white flowers. Pkts. 5c, 10c and 25c. ½ Oz. 30c.

8. **Agrostemma.** Rose of Heaven. Coronaria. An attractive free-flowering, hardy perennial of easy culture, producing glowing crimson flowers like a single pink and silver-white foliage; blooms the first season; fine for cutting; 2 feet. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c.

9. **Alyssum, Sweet.** Little Gem. A beautiful white variety of Sweet Alyssum, especially adapted to edging borders and rock work. The plants grow about 6 inches, produce hundreds of flowers and form a mass of blooms 15 to 18 inches in diameter. Hardy annual. Pkts. 5c and 10c. Oz. 50c. 4 Ozs. $1.50.

10. **Alyssum.** Saxitale. Flowers golden-yellow; desirable for rock work. Showy in masses. Hardy perennial. Pkts. 5c, 10c and 25c. Oz. 45c.

13. **Anchusa.** Italica Dropmore. One of the best hardy perennials. and becoming more popular each season, grows 3 to 5 feet high, and bears in abundance flowers of the richest gentian-blue during May and June. Pkts. 5c, 10c and 25c.

14. **Anemone.** St. Brigids. Windflower. A very pleasing perennial, producing large, Irish Poppy flowers; few plants compare with them in beauty; fine for bouquets. Sow outdoors in Spring, keeping shaded till the plants appear. Pkts. 5c, 10c and 25c.

15. **Antirrhinum.** Snap Dragon. Beautiful spikes of gaily colored flowers. They are one of the best cut flowers which can be grown from seed. While for beds or borders they are a pleasure, being in flower all the time if placed in a sunny position. Tall mixed. Pkts. 5c and 10c. ¼ Oz. 25c. Oz. 75c.

Tom Thumb—Dwarf Mixed. Pkts. 5c, 10c and 25c. ½ Oz. 50c.

16. **Aquilegias, or Columbines.** An elegant, graceful, beautiful Spring flowering plant, producing exquisitely spurred flowers on stems rising 2 feet above the fern-like foliage; splendid for cutting. Double mixed. Pkts 5c, 10c and 25c. ½ Oz. 30c. Oz. 50c.

21. **Asparagus.** Sprengeri. Emerald Feather. One of the best plants to grow in suspended baskets, window boxes, bases, etc., for the greenhouses in Winter and outdoors in the Summer. Pkts. 5c. 10c and 25c. ½ Oz. 50c. Oz. 90c.

Crego's Giant Comet Asters

We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers five inches and over in diameter, resembling choice Japanese Chrysanthemums, and when cut they keep in good condition longer than any other type. The delightful flowers are borne in abundance from August until the end of September. We offer the following separate colors: **Giant White**—Pure White. **Giant Pink**—Delicate Shell Pink. **Giant Crimson**—A Beautiful Crimson. **Giant Lavender**—Deep Lavender. **Giant Rose**—Rich Deep Rose. **Giant Purple**—Bright Purple. **Giant Blue**—Deep Dark Blue. Pkts. 5c, 10c and 25c. ¼ Oz. 35c Oz. $1.25. **Seven 5c pkts., including all colors, for 25c. Crego's Mixed.** Pkts. 5c, 10c and 25c. ¼ Oz. 30c. Oz. $1.00.

Truffant's Peony Flowered Perfection Aster. For mid-season flowering we recommend these beautiful Asters; they are stiffly erect or upright in growth, averaging 2 feet, produce fine, large double flowers.

29. **Snow White.** Pkts. 5c, 10c and 25c. ¼ Oz. 50c. Oz. $1.50.

30. **Darkest Blue.** Pkts. 5c, 10c and 25c. ¼ Oz. 50c. Oz. $1.50.

31. **Glowing Dark Crimson.** Pkts. 5c, 10c and 25c. ¼ Oz. 50c. Oz. $1.50.

32. **Light Red.** Pkts. 5c, 10c and 25c. ¼ Oz. 50c. Oz. $1.50.

33. **Light Blue.** Pkts. 5c, 10c and 25c. ¼ Oz. 50c. Oz. $1.50.

34. **Mixed Varieties.** Pkts. 5c, 10c and 25c. ¼ Oz. 35c. Oz. $1.25.

Bolgiano's Giant Comet Asters

These are earliest to produce fine, large, Chrysanthemum-like flowers; the plants grow 2 feet high and have fine, long stems.

35. **White Extra Fine.** Pkts. 5c, 10c and 25c. ¼ Oz. 50c. Oz. $1.50.

36. **The Bride.** White. Pkts. 5c, 10c and 25c. ¼ Oz. 50c. Oz. $1.50.

37. **Light Yellow.** Pkts. 5c, 10c and 25c. ¼ Oz. 50c. Oz. $1.50.

38. **Rose.** Pkts. 5c, 10c and 25c. ¼ Oz. 50c. Oz. $1.50.

39. **Light Blue.** Pkts. 5c, 10c and 25c. ¼ Oz. 50c. Oz. $1.50.

40. **Azure Blue.** Pkts. 5c, 10c and 25c. ¼ Oz. 50c. Oz. $1.50.

41. **Dark Violet.** Pkts. 5c, 10c and 25c. ¼ Oz. 50c. Oz. $1.50.

42. **Mixed.** Pkts. 5c, 10c and 25c. ¼ Oz. 35c. Oz. $1.25.

Bolgiano's Giant Stock of Semples, Branching Asters. These grow 2 to 3 feet high and branch very freely, the flowers being of the largest size (2½ to 4 inches across) and each furnished with a long, stiff stem, rivaling the Chrysanthemum both in size of flower and length of stem. They furnish the largest supply of Asters.

43. **White.** Pkts. 5c and 10c. ¼ Oz. 35c. Oz. $1.00.

44. **Lavender.** Azure Blue. Pkts. 5c, 10c and 25c. ¼ Oz. 35c. Oz. $1.00.

45. **Shell Pink.** Pkts. 5c and 10c. ¼ Oz. 35c. Oz. $1.00.

46. **Crimson.** Pkts. 5c and 10c. ¼ Oz. 35c. Oz. $1.00.

47. **Indigo Blue.** Pkts. 5c and 10c. ¼ Oz. 35c. Oz. $1.00.

48. **Mixed.** Pkts. 5c and 10c. ¼ Oz. 35c. Oz. $1.00.

50. **Queen of the Market Asters.** Mixed. Pkts. 5c and 10c. ¼ Oz. 30c. Oz. $1 00.

51. **Aster, European Quilled.** Rose-pink flowers with quilled centers. Various colored petals in gorgeous mixture. Pkts. 5c and 10c. ¼ Oz. 30c. Oz. $1.00.

52. **Balloon Vine.** Love in a Puff. A rapid growing, annual climber, succeeds best in light soil and warm situation; flowers white, seed vessels look like minature balloons. Pkts. 5c and 10c. Oz. 20c.

53. **Balsam, or Lady Slipper.** These are very beautiful for borders; the plants make perfect little bushes with flowers that are double; the colors are very pretty and pleasing. Pkts. 5c and 10c. ¼ Oz. 15c. Oz. 50c.

54. **Bartonia.** Golden Bartonis. Aurea. Producing showy, golden-yellow flowers, fragrant at night, above its gray and downy, thistle-like foliage, which is exceedingly brilliant in the sunshine. Pkts. 5c and 10c. ½ Oz. 25c. Oz. 40c.

55. **Begonia.** Tuberous Rooted. The plants are of robust, compact habits, dark green foliage, and brilliant double cinnabar-scarlet flowers. Single splendid mixed. Pkts. 5c, 10c and 25c.

56. **Bellis Perennis.** Double Daisy. A large growing, Spring flowering plant, a companion to the Pansy and Forget-Me-Not. Pkts. 5c, 10c and 25c. ¼ Oz. 45c. Oz. $1.75.

57. **Brachycome.** Swan River Daisy. Free-flowering, dwarf-growing annuals; suitable for edgings, small beds or pot culture; 9 inches. Pkts. 5c, 10c and 25c. ¼ Oz. 30c. Oz. 75c.

61. **Calendula.** Pot Marigold. A perpetual bloomer; the flowers are oriental in color and exhibit every shade of yellow from ivory to deepest orange. Makes good cut flowers. Double mixed. Pkts: 5c and 10c. Oz. 15c.

62. **Calliopsis.** Showy garden annual, 1 to 2 feet high; producing profusely large flowers of brilliant shades, ranging from canary to orange-red and maroon. All the choice sorts mixed. Pkts. 5c, 10c and 25c. Oz. 30c.

63. **Canterbury Bell.** Campanula Medium. Handsome, hardy biennial of stately growth, rich color and profuse bloom. Has large bell-shaped flowers, are effective in various colors. Height two to four feet. Finest mixed—all colors of the cup and saucer type. Pkts. 5c and 10c. ¼ Oz. 15c. Oz. 40c.

64. **Candytuft.** White. The finest of all the white varieties, being a complete mass of pure white flowers, in bloom throughout the season. Grows 12 inches high. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c.

65. **Candytuft.** Mixed. Most excellent mixture, rose, crimson, white, purple, etc. Bushy plants 12 inches high growing large umbels of flowers. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c.

67. **Canary Bird Vine.** A rapid-growing Summer climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings. Pkts. 5c, 10c and 25c. ½ Oz. 30c. Oz. 50c.

68. **Canna.** Giant-flowered, mixed. Pierce the seed in one spot with a file and soak in lukewarm water for 24 hours before sowing. Pkts. 5c and 10c. Oz. 25c.

69. **Carnation.** Marguerite. The plants of this wonderfully fine strain may be made to bloom in 12 weeks. The flowers are large, double, very fragrant and appear in very attractive shades of color. Pkts. 5c, 10c and 25c. ¼ Oz. 35c. Oz. $1.25.

70. **Celosia.** Cockscomb. This beautiful dwarf plant has dark green leaves and forms immense coxcomb-like heads; ostrich plumes, etc. Pkts. 5c and 10c. ¼ Oz. 25c. Oz. 75c.

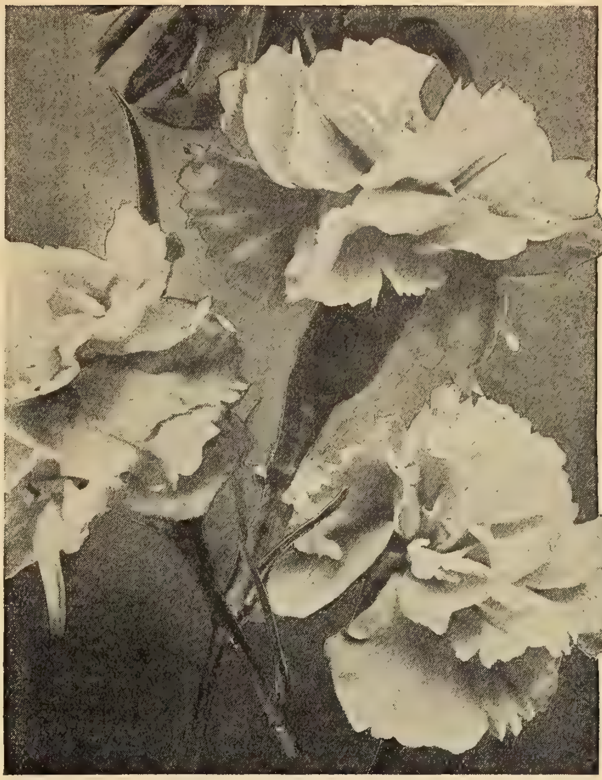
71. **Centaurea.** Sweet Sultan. The newest sort, 2 or 3 feet high with large flowers 3 to 4 inches across, varieties of colors and shades, large fragrant flowers, excellent for cutting. Pkts. 5c and 10c. ¼ Oz. 15c. Oz. 50c.

72. **Centaurea.** Corn-flower, or Bachelor's Button. Showy, hardy, border plants about 2 feet high and bearing freely during the Summer, corn-flower-like heads of bloom. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c.

73. **Centaurea.** Candidissima. Dusty Miller. White foliage used for bedding, edging, vases, etc. Pkts. 5c, 10c and 25c.

74. **Chrysanthemum.** Single and double. Most gorgeous and prettiest varieties; mixed annual; free Summer blooming garden flower, 1 to 1½ feet high. Pkts. 5c and 10c. Oz. 25c.

Centaurea, Bolgiano's Double Blue



Carnation Marguerite

75. **Chrysanthemum.** Perennial. Single and double varieties. Hardy plants for permanent borders and gardens, compact bushes 1½ to 2 feet, splendid cut flowers, has long stems. Pkts. 5c and 10c. Oz. 30c.

76. **Cineraria.** Hybrid Grandiflora. Choicest mixed for the window box. Conservatory; large flowers from 2 to 3 inches across, various colors borne in profusion in the Spring. Pkts. 10c, 25c and 50c.

78. **Clematis.** Paniculata. Well-known hardy perennial climber, fine for covering arbors, verandas, etc., as they cling to almost any object. Glossy green foliage and white star-shaped flowers practically cover the entire vine. Pkts. 5c, 10c and 25c. Oz. 50c.

80. **Coboea.** Scandens. A fine, rapid-growing climber with handsome foliage and large bell-shaped purple flowers; the plant will run about 30 feet in season. Pkts. 5c, 10c and 25c. ½ Oz. 35c. Oz. 60c.

66 Coix Lachrymae (Job's Tears)

A strong, broad leaved ornamental grass, with large shining, pearly seeds; annual; 2 to 3 feet. Seed is frequently used as an old fashioned remedy for sore throat, goiter and teething babies. It is strung on a linen string and worn around the neck. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 25c. Lb. 60c.

83. **Coleus.** The showy plants are grown for their brilliant foliage, which forms the bases of the ribbon beds of foliage plants in the parks and lawns. The colors range from light to dark red leaves, are very finely marbled and spotted. Pkts. 10c, 25c and 50c.

85. **Convolvulus Minor**, or Dwarf Morning Glory. Fine bushy plants, 12 inches high by 2 feet in diameter, bearing profusely beautiful mixed colors. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 35c. ½ Lb. 50c. Lb. 90c.

86. **Coreopsis.** Lancelota Grandiflora. Harvest Moon. One of the finest, hardiest garden plants grown, forming bushes 2 to 3 feet high bearing quantities of long stemmed, large, single, yellow flowers throughout the Summer. Pkts. 5c, 10c and 15c. ½ Oz. 25c. Oz. 40c.

Cosmos

One of our finest Fall flowers. A vigorous, tall-growing annual. It is most effective when planted in masses or along back-ground borders against evergreen or fences. We offer only the choice large flowering strains. Sow seeds outdoors early in May, but to get early flowering plants, sow indoors in March or April and transplant outdoors when large enough.

87. **Cosmos.** Mammoth. A very effective Autumn flowering plant, hardy and rapid growing, forming bush-like plants 5 to 8 feet high and covered with large, single, Dahlia-like flowers. Pkts. 5c and 10c. Oz. 35c. ¼ Lb. 70c. ½ Lb. $1.50.

88 Bolgiano's Extra Early Giant Flowering Cosmos

The earliest strain of Cosmos in cultivation which has been placed in a class by itself. Plants grow about 4 feet high, are bushy and branch freely and begin to bloom in July with Giant Blossoms, measuring 4 to 5 inches across, and continue until frost. The largest and most beautiful of all Cosmos. From seed sown in the open ground this strain will bloom in 65 days.

		Pkts.		½ Oz.	1 Oz.			Pkts.		½ Oz.	1 Oz.
3675.	Crimson	5c	10c	25c	50c	3685.	Pure White ..	5c	10c	25c	50c
3680.	Pink	5c	10c	25c	50c	3690.	Mixed	5c	10c	20c	35c

89. **Cyclamen.** Persicum. Giant double flowers, finest mixed colors. Pkts. 5c, 10c and 25c.

90. **Cypress Vine.** Scarlet. Very deep scarlet flowers. Pkts. 5c, 10c and 25c. Oz. 35c.

91. **Cypress Vine.** White, Clear paper white flowers. Pkts. 5c, 10c and 25c. Oz. 35c.

92. **Cypress Vine.** Mixed. For training on trellises the Cypress Vine cannot be excelled. It has a profusion of scarlet and white star-shaped blossoms, and its finely cut foliage is particularly adapted to ornamental work. Pkts. 5c, 10c and 25c. Oz. 35c.

Dianthus, Hardy Garden or Grass Pinks

93. **Dahlia.** Extremely large flowers. Double mixed. Although perennial these will flower the first season if sown early. 4 to 6 feet. Pkts. 5c, 10c and 25c. ¼ Oz. 40c. Oz. $1.50.

95. **Delphinium.** Hardy perennial Larkspur. Double and single hybrid. Finest mixed colors. Among our best plants for mixed borders, producing spikes of flowers. Pkts. 5c, 10c and 25c. ¼ Oz. 35c. Oz. $1.00.

96. **Dianthus.** Double annual. China Pinks. They form bushy dwarf plants about 1 foot high, producing freely all Summer long, flowers of most brilliant colors. One of our most effective garden plants. Pkts. 5c, 10c and 25c. Oz. 60c.

97. **Dianthus.** Hardy perennial Pinks. Pheasant's Eye Pink. Bush plants of large fragrant blossoms. Pkts. 5c, 10c and 25c. Oz. 75c.

98. **Dianthus.** Double Hardy Dwarf Grass Pinks. An improved type of the old-fashioned pinks of dwarf, sturdy growth, with large, double fringed fragrant flowers of various colors. Pkts. 5c, 10c and 25c. Oz. 75c.

100. **Digitalis.** Fox Glove. Finest mixed colors. Hardy perennial of easy culture, producing long spikes of tubular flowers of various colors. 3 to 5 feet. Pkts. 5c, 10c and 25c. ½ Oz. 30c. Oz. 50c.

101. **Dimorphotheca. Aurantiaca.** Golden Star of the Veldt. One foot. Rare and very showy annual from South Africa, having daisy-like flowers of a glossy salmon-orange shade with black central ring, a lovely color when flowers open in the sun. Pkts. 5c, 10c and 25c.

102. **Dolichos.** Hyacinth Beans, or Texas Climber. A fine climber, with clusters of purple or white flowers followed by ornamental seed pods. Tender annual. Growing from ten to twenty feet high. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 30c. ½ Lb. 50c. Lb. 75c.

104. **Eschscoltzia.** California Poppy. Mixed Popular garden annuals of easy culture. Forming bushy plants about 1 foot high, bearing large saucer-shape flowers. Pkts. 5c and 10c. Oz. 15c.

107. **Euphorbia.** Strong-growing annuals, suitable for beds of tall-growing plants or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

Variegata. Snow on the Mountain. Attractive foliage; veined and margined with white; 2 feet. Pkts. 5c and 10c. Oz. 30c.

110. **Gaillardia.** Grandiflora. Mexican Blanket Flower. Hardy perennial. Large, gay colored, double flowers. Useful for cutting. The colors brilliant golden-yellow, crimson, orange, amaranth and claret. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c.

112. **Geraniums.** Scarlet or Zonale. Well known plant for garden or plot culture. Flowering from seed the first season if sown early. Brilliant scarlet flowers. Pkts. 5c, 10c and 25c.

113. **Godetia.** Satin Flower. A most attractive bushy little annual plant with bright flowers opening in the morning and closing at evening; very effective in gardens; not serviceable as a cut flower; height, 15 inches. Choice mixed. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c.

Gourds

Annual climbers. Rapid growers. Twenty to twenty-five feet high, bearing ornamental fruit in most peculiar shapes. Very suitable for covering arbors, fences and trellises.

Apple Shaped. Pkts. 5c and 10c. Oz. 25c.
Bottle. Pkts. 5c and 10c. Oz. 25c.
Calabash or Pipe Gourd. Pkts. 5c and 10c. Oz. 25c.
Dipper. Used by the natives in tropical countries as dippers. Pkts. 5c and 10c. Oz. 25c.
Dish-Rag. Pkts. 5c and 10c. Oz. 25c.
Hercules Club. Long white. Pkts. 5c and 10c. Oz. 25c.
Mock Orange. Pkts. 5c and 10c. Oz. 25c.
Pear Shaped. Pkts. 5c and 10c. Oz. 25c.
Sugar Trough. Used as water holders. Pkts. 5c and 10c. Oz. 25c.
Mixed from named varieties. Pkts. 5c and 10c. Oz. 20c.

116. **Gypsophila.** 2 feet. Elegans Grandiflora Alba. Angel's Breath. Graceful plants of light fairy-like growth. Much in demand for cutting and combining with other flowers for bouquets and vases. This is an improved, large-flowering, pure white, of free, easy growth. Pkts. 5c and 10c. Oz. 20c.

117. **Helichrysum.** Straw Flower. Large flower, double, finest mixed colors. Annual. 1 to 2 feet high. Double everlasting flowers, in shades of yellow, white, red, dark blue, etc. Pkts. 5c, 10c and 25c. ½ Oz. 30c. Oz. 50c.

118. **Heliotrope.** Dark blue and white. The well-known fragrant flowering plants. 1 to 2 feet high. For pots and gardens. Pkts. 5c, 10c and 25c. ⅛ Oz. 40c. ¼ Oz. 75c.

120. **Hibiscus.** Hardy variety. Marsh Mellow. A very vigorous plant of easiest culture, growing about 2 feet high, with handsome, cream-colored single flowers. Hardy annual. Pkts. 5c, 10c and 25c. ½ Oz. 40c. Oz. 75c.

Hollyhock

Hollyhocks are perennials, but we suggest sowing seed every year in January indoors and grown in pots until they can be set outdoors. These plants will blossom the same season and give larger flowers, but smaller plants. Sowings can also be made from June to August. When plants are large enough transplant to a cool, rich soil, planting at least a foot apart. They should be supplied with plenty of water throughout the season. Four to eight feet high.

121. **Hollyhock.** Double Superb. Mixed. Favorite hardy plants, with immense flowers on spikes from 4 to 6 inches high. Bolgiano's strain of Double Hollyhocks are famous for beauty and coloring. Pkts. 5c, 10c and 25c. ¼ Oz. 30c. Oz. $1.15.

Hollyhock. Single mixed. Pkts. 5c, 10c and 25c. ½ Oz. 35c. Oz. 60c.

124. **Ipomea Grandiflora Superba.** Japanese Morning Glory. A handsome showy climber of easy culture and suitable for covering windows, trellises, old stumps, etc. The flowers are most brilliant in the morning and run through many shades, from white to dark blue, red and striped. Hardy annual. 30 to 50 feet high. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 50c. Lb. $1.50.

125. **Imperial Japanese Morning Glory.** Frilled and fancy. Even more beautiful than the Superba. You should certainly try this beautiful and wonderful Morning Glory. Pkts. 5c and 10c. Oz. 35c. ¼ Lb. $1.00. Lb. $3.00.

126. **Ipomea Grandiflora Alba.** Moon Flower. One of the most vigorous of all Summer climbers, and will grow 30 to 40 feet in a season, and be covered with saucer-shaped white flowers every evening and cloudy day. Pkts. 5c, 10c and 25c. Oz. 50c. ¼ Lb. $1.75. Lb. $5.00.

128. **Kochia Trichophylla.** An old-fashioned popular annual, sometimes known as Belvidere, Mock Cypress, Mexican Fire Plant, etc. It is easily grown from seed—forming oval bushes 2 to 2½ feet high, densely clothed with small feathery light-green foliage, deepening in color as the Summer advances until the whole plane assumes a firey-crimson hue. Pkts. 5c and 10c. Oz. 20c.

129. **Kudzu Vine.** A twining vine of remarkably rapid growth, attaining a length of 40 to 50 feet in one season. Hardy. Foliage large and lobed; purple pea-shaped flowers in clusters, borne late in the season. A fine vine for arbors, verandas, etc. Easily grown from seed. Pkts. 5c, 10c and 25c. Oz. 50c.

Hollyhock, Bolgiano's Superb Double Strain

Lobelia

These are very useful plants for hanging baskets, window boxes, edging or pot culture. They bloom continually from June until November.

4925. **Crystal Palace Compacta.** The very best bedding variety; rich dark blue; 4 inches high. Pkts. 5c, 10c and 25c. ⅛ Oz. 50c. ¼ Oz. 75c. ½ Oz. $1.50. Oz. $2.75.

4940. **Gracilis.** Trailing habit; suitable for hanging baskets, vases, etc.; dark blue. Pkts. 5c and 10c. ¼ Oz. 30c. Oz. $1.00.

130. **Lantana.** Finest mixed colors. Tender perennial. Flowering continuously. 2 to 3 feet. Pkts. 5c, 10c and 25c. Oz. 35c.

131. **Larkspur.** Double Dwarf German Rocket. Beautiful spikes of double flowers in many shades, ranging from pure white to deep rich pink. Hardy annuals. 1 foot high. Pkts. 5c and 10c. Oz. 30c.

132. **Lathyrus.** Latifolius. Hardy Everlasting Peas. These climb 6 to 8 feet high when trained on a trellis; the flowers are borne in large clusters and very closely resemble Sweet Peas. They are peculiarly adapted to rough places, to scramble over rocks and bushes; splendid cut flowers. Mixed colors. Pkts. 5c, 10c and 25c. Oz. 60c.

137. **Lupin.** A very conspicucus plant with spikes of pea-shaped blossoms. Growing 3 feet tall. Pkts. 5c and 10c. Oz. 20c.

139. **Marigold.** Tall Tagates. French and African. Double Mixed. Great variety of colors. A well-known garden annual. 2 to 3 feet high. Large double flowers. Pkts. 5c, 10c and 25c. Oz. 40c.

140. **Marigold.** Dwarf mixed colors. Plants only 4 to 5 inches high. Bearing great quantities of button-like flowers. Pkts. 5c, 10c and 25c. Oz. 45c.

141. **Marvel of Peru.** Four o'Clocks. Large and beautiful old-fashioned plants of spreading habits. Produce brilliant colored flowers that open about 4 o'clock in the afternoon. Pkts. 5c and 10c. Oz. 25c. ¼ Lb. 75c. Lb. $2.50.

142. **Matthiola.** Biconrus. Evening scented stocks. Old-fashioned annual, the flowers being a dull purplish lilac. Pkts. 5c and 10c. Oz. 20c.

143. **Mignonette.** Mammoth Flowering. It is the best Mignonette for all purposes, either outside or inside. Ever blooming, flowers lasting until late in Fall. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 50c.

144. **Mignonette.** Matchett Perfection Bismarck. The red flowers are larger than those of other sorts. The spikes are very dense. Its foliage is crinkled while its odor is delicious. Pkts. 5c and 10c. ½ Oz. 25c. Oz. 45c.

147. **Memosa.** Sensitive Plant. Curious and interesting spikes, white flowers, the leaves close or droop when touched or shaken. 1 foot high. Pkts. 5c and 10c. Oz. 40c.

148. **Momordica.** Balsam Apple. Annual climber, 15 feet high, bearing ornamental orange flowers, with red interior; used largely for medicinal purposes; also a most excellent foliage vine. Pkts. 5c, 10c and 25c. Oz. 40c.

149. **Myosotis Alpertris.** Forget-Me-Not. Popular perennials, flowering first season from early Spring-sown seeds. Pkts. 5c, 10c and 25c. Oz. 50c.

165. **Nemophila.** Love Grove. Mixed. Free-flowering annual, of dwarf, compact habit, with a profusion of cup-shaped flowers; thrives best in a cool, shady situation; 1 foot. Pkts. 5c and 10c. Oz. 25c.

166. **Nicotiana.** Affinis. Splendid pure white flowers on long terminal tubes; it is so fragrant that a small bed will perfume the surrounding atmosphere. Pkts. 5c, 10c and 25c. Oz. 35c.

Bolgiano's Giant Stock Flowered Larkspur

168. **Nigella.** Love in the Mist or Devil in the Bush. Damacena. Free-flowering plant with finely cut foliage. Curious looking flowers and seed pods; blue and white mixed; growth 1 foot. Pkts. 5c and 10c. Oz. 20c.

169. **Oenothera.** Evening Primrose. Mixed. ½ to 2 feet. Neat plants, with large, saucer-shaped flowers, white or golden yellow; open at dusk; emit a delightful perfume. Pkts. 5c and 10c. Oz. 20c.

187. **Passion Flower Vine.** Coerulea Grandiflora. A beautiful violet or blue vine for greenhouse and window, called Passion Flower since tradition; see represented in its flowers the symbols of the Christian Faith. Pkts. 5c, 10c and 25c. ¼ Oz. 35c. Oz. $1.25.

French
African

Marigold, Bolgiano's Selected Strains

189. **Petunia.** Single Giant Flowers, blotched and striped, giant fringed. Bolgiano's strain of Petunia is very superb, the flowers are of immense size, and are beautifully colored and marked. Some of the flowers are brilliant rosy-red, light crimson with white throats, violet-white, lavender, velvet, dark crimson and yellow throat. Pkts. 5c and 10c. ¼ Oz. 25c. Oz. 75c.

190. **Phlox.** Drummondi Grandiflora. A lovely strain of plants growing 1 to 1½ feet high, covered with a mass of bright flowers; excellent for pot plants and for bedding. Pkts. 5c, 10c and 25c. ¼ Oz. 25c. Oz. 75c.

191. **Phlox.** Hardy. Finest mixed perennial 2 to 3 feet high, forming large bushes, bearing immense heads of flowers; is very hardy and can be grown in places where other flowers on account of temperature will not thrive. Pkts. 5c, 10c and 25c. ¼ Oz. 60c. Oz. $2.25.

Poppy

(*Papaver*)

A magnificent group of hardy annuals and hardy perennials which should be in everybody's garden who wish a beautiful display of color in all shades from Spring until frost. The seed of the annual varieties should be sown where they are to blossom, as they do not like transplanting; thin out when large enough. Best results are to be had from a sandy loam

Bolgiano's Fairy Maid Mixture. This is a beautiful mixture of all that is best in annual Poppies. The colors are simply gorgeous, both in single and double varieties. Pkts. 5c and 10c. Oz. 25c. ¼ Lb. 75c.

SINGLE ANNUAL VARIETIES

Bolgiano's Choice Shirley Mixture. This strain is especially grown for us and great care is taken with the colors, which range through apple blossom, deep pinks, old rose, crimson, terra cotta, white to the deepest red. Several sowings should be made during the Summer. One and one-half feet high. Pkts. 5c and 10c. Oz. 30c. ¼ Lb. $1.00.

Miss Sherwood. Large flowers of satiny white, the upper half shading to a silky chamois rose; a combination of rare delicacy. Two feet high. Pkts. 5c and 10c. Oz. 25c. ¼ Lb. 75c.

Umbrosum (Caucasian Poppy). Dark crimson with a black blotch on the lower part of each petal. One and one-half feet high. Pkts. 5c and 10c. Oz. 35c. ¼ Lb. $1.10.

DOUBLE ANNUAL VARIETIES

American Flag. Beautiful variety. Flowers very large and double; snow white, bordered with scarlet. Pkts. 5c and 10c. Oz. 30c. ¼ Lb. $1.00.

Carnation Flowered Mixed. A very fine mixture with large, double fringed flowers. Pkts. 5c and 10c. Oz. 30c. ¼ Lb. $1.00.

Paeony Flowered Mixture. Immense, showy, double flowers; very similar to a double Paeony. Pkts. 5c and 10c. Oz. 30c. ¼ Lb. $1.00.

PERENNIAL VARIETIES

Alpinum Mixed. An exquisite small Poppy. Excellent for sunny borders or rockwork. It resembles Nudicaule, but is dwarfer. One foot high. Pkts. 10c and 25c.

Hardy Giant. Iceland and Oriental. Hardy perennials 2 to 3 feet high, producing flowers 4 to 6 inches across. Our splendid mixture contains salmon, fiery-scarlet, rose-lilac and copper color, white, golden-tinged crimson. Pkts. 5c and 10c. ¼ Oz. 35c. Oz. $1.00.

Bolgiano's Giant Flowering Nasturtiums

We Pay Postage on Pkts., Ozs. and ¼ Lbs. Only. Parcel Post Rates, see Page 2

The Nasturtium comes next to the Sweet Pea in popularity. The Dwarf Varieties are excellent for bedding and edging. The Climbing Varieties for covering stone walls, rubbish heaps, or trailing on trellises to shade porches or verandas.

Bolgiano's Dwarf Giant Flowering

	Pkts.	Oz.	¼ Lb.	1 Lb.
Beauty. Yellow spotted scarlet.....	5c and 10c	15c	50c	$1.50
Cloth of Gold. Scarlet with yellow foliage	5c and 10c	15c	50c	1.50
Express of India. Deep crimson, dark leaved, extra fine...........	5c and 10c	15c	50c	1.50
French Chameleon. Giant flowered variegated	5c and 10c	15c	50c	1.50
King of Tom Thumbs. Bright scarlet, dark leaved.................	5c and 10c	15c	50c	1.50
King Theodore. The grandest dwarf Nasturtiums ever introduced. The large flowers are a beuatiful dark maroon; these are set off and made conspicuous by their dark foliage..	5c and 10c	15c	50c	1.75
Pearl Amber. White flowers.......	5c and 10c	15c	50c	1.75
Prince Henry. Pale yellow, spotted red	5c and 10c	15c	50c	1.75
Queen of Tom Thumbs. Giant crimson, variegated green and white foliage	5c and 10c	20c	60c	2.00
Rose. Soft carmine rose...........	5c and 10c	20c	60c	2.00
Ruby King. Giant red flowers......	5c and 10c	20c	60c	2.00
Spotted King or Lady Bird. Golden yellow spotted cardinal red, calyx and spur ruby...................	5c	20c	60c	2.00

162. **Nasturtium Dwarf or Tom Thumb.** Giant flowering; most gorgeous mixture of colors; improved type of bushy garden annual. 1 foot. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. Lb. 75c.

163. **Lobb's Medium High Nasturtium.** Grandest mixture of 30 varieties. This mixture of Nasturtiums will grow from 6 to 10 feet high, while the tall Nasturtium will grow more than 15 feet high. To produce best results, you should select the Dwarf for bedding, the Lobb's for low trellises and the tall for climbing. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. Lb. 70c.

164. **Tall or Climbing Varieties.** Giant flowering, gorgeous mixture, annual climber, 6 to 10 feet high, producing large flowers, flowering best in light dry soil. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. Lb. 60c.

199. **Portulaca.** Mexican Rose. There are few flowers that make such a dazzling display of colors in the bright sunshine as a bed of Portulaca. They are in bloom from the first of July until killed by frost, growing 6 to 8 inches high. Single mixed. Pkts. 5c, 10c and 25c. ½ Oz. 40c. Oz. 75c.

200. **Portulaca.** Double Rose Flowered Mixed. A large percentage of the flowers will come perfectly double, of the most brilliant scarlet, crimson, white, yellow. Pkts. 5c, 10c and 25c. ¼ Oz. 50c. Oz. $2.00.

203. **Ricinus.** Castor Oil Beans and other varieties. Garden annual of luxuriant growth, with large palm-like leaves; extremely attractive on account of their sub-tropical effect. Our wonderful mixture contains varieties from 6 to 12 feet high. Some with immense leaves, green, brown or purple, other purplish leaves and stem, some with foliage, also maroon and black stems. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 40c. ½ Lb. 60c. Lb. $1.00.

Ricinus Separate Varieties:

Gibsoni. Deep red foliage.

Sanguineus. Obermanni. Blood-red stalks and fruit.

Zanzibariensis. Immense size. Coppery-bronze, changing to dark green with reddish ribs.

Any of the above: Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 50c. ½ Lb. 80c. Lb. $1.50.

206. **Salvia Splendens.** Grandiflora. Among the most brilliantly colored of garden flowers, and extremely useful for bedding, hedging or border. It is like a blaze of flaming scarlet; is intensely brilliant. A single plant will carry as many as two hundred spikes of flowers. Pkts. 5c, 10c and 25c. ⅛ Oz. 35c. ¼ Oz. 60c. Oz. $2.25.

207. **Salvia.** Dwarf Bonfire, or Little Lord Fauntleroy. This is one of the finest of the scarlet sages, growing in a bush, 2 feet high. Its spikes of flowers of brilliant color stand clear above the dark foliage and completely cover the plant. It attracts immediate attention in the garden. Pkts. 5c, 10c and 25c. ⅛ Oz. 60c. ¼ Oz. $1.00. Oz. $3.75.

208. **Scabiosa.** Large flowered double. Mourning Bride. These beautiful flowers of many bright colors are useful for cutting. They are gracefully borne on long, slender stems. Pkts. 5c and 10c. ½ Oz. 25c. Oz. 40c.

209. **Scarlet Runner Vine.** Annual. 15 feet. This bean produces a rapid growing vine and makes clusters of showy scarlet blooms. Pkts. 5c and 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 50c.

210. **Schizanthus.** Butterfly Flower. One of our finest hardy annuals, bearing a profusion of pretty butterfly-like flowers of various colors, closely resembling some species of Orchids; also desirable for Winter blooming in pots. All colors, mixed. Pkts. 5c, 10c and 25c. ½ Oz. 50c.

211. **Shasta Daisy.** A large flowering single white, hardy daisy; has long been considered one of our finest hardy perennials for permanent garden decoration. Flowers 4 inches or more across. The plants grow 2 to 2½ feet in height. Pkts. 5c, 10c and 25c. ½ Oz. 40c. Oz. 75c.

213. **Smilax.** Myrsiphyllum Aspargoides. In many respects the Smilax is the most useful and graceful climber which adorns the greenhouse or conservatory. For bouquets and floral decorations it is indispensable. Pkts. 5c, 10c and 25c. ½ Oz. 30c. Oz. 50c.

215. **Statice.** Sea Lavender. Splendid hardy perennials, either for the border or rockery, producing all Summer panicles of minute flowers which can be dried and used for Winter bouquets. Mixed varieties. Pkts. 5c, 10c and 25c. ½ Oz. 35c. Oz. 65c.

We Pay Postage on Pkts., Ozs. and ¼ Lbs. Only. Parcel Post Rates, see Page 2

Bolgiano's Giant Show Pansies

Bolgiano's Giant Pansies

The most popular flower of the garden. They delight in a cool, rich, moist soil and a situation that protects them from the cutting winds as well as the bright sun. To get best results, Pansies should be sown in July or August and protected with a cold frame, salt hay or straw manure. The seed may also be sown indoors in January or February, or in the Spring in the open ground.

THE MOST BEAUTIFUL PANSIES IN THE WORLD

Giant Adonis Pansy. None among the thousand of Pansy plants that we sold last Spring attracted quite so much attention as this beauty; it is a beautiful light blue contrasted with white. Pkts. 10c and 25c. ⅛ Oz. 75c. ¼ Oz. $1.25. Oz. $3.75.

Giant Bridesmaid Pansy. A beautiful new Pansy; white shining rose, beautifully blotched. Pkts. 10c and 25c. ⅛ Oz. 85c. ¼ Oz. $1.50. Oz. $4.00.

Emperor William. Blue with violet eye. A new ideal beauty. Looks like velvet. Pkts. 10c and 25c. ⅛ Oz. 85c. ¼ Oz. $1.50. Oz. $4.00.

Giant Golden Yellow With Large Black Eyes. One of the most effective Pansies that is grown, a veritable mass of molten gold. Pkts. 10c and 25c. ⅛ Oz. 60c. ¼ Oz. $1.00. Oz. $3.50.

Giant Golden Queen. Pure golden yellow and five-spotted. Pkts. 10c and 25c. ⅛ Oz. 75c. ¼ Oz. $1.25. Oz. $3.75.

Triumph of the Giant. Most wonderfully beautiful, in immense size. Pkts. 10c and 25c. ⅛ Oz. $1.25. ¼ Oz. $2.00. Oz. $7.50.

Giant Lord Beaconfield. It is certainly a Pansy that arrests the attention immediately by its wonderful combination and its beauty. Pkts. 10c and 25c. ⅛ Oz. 60c. ¼ Oz. $1.00. Oz. $3.50.

Giant Ruffled "Masterpiece" Imperial. A new class of blotched, heavily ruffled Pansies with large blooms, mostly undulated or curled; many fine, rich colors. Very popular. Pkts. 10c and 25c. ⅛ Oz. $1.00. ¼ Oz. $1.85. Oz. $7.00.

Mme. Perret. A new and beautiful strain, originated with a French specialist; flowers of large size, borne very freely in great diversity of colors; especially rich in red and wine shades. Pkts. 10c and 25c. ⅛ Oz. 85c. ¼ Oz. $1.50. Oz. $4.00.

Superb Mixture of the Odier, Cassier and Bugnot Strains. This is one of the most beautiful and most costly mixture of Pansies in the world. Pkts. 10c and 25c. ⅛ Oz. $1.25. ¼ Oz. $2.00. Oz. $7.50.

Trimardeau Parisian Large Stained. Very beautiful improved strain of Trimardeau Pansies, mostly white ground and finely blotched varieties. Pkts. 10c and 25c. ⅛ Oz. 60c. ¼ Oz. $1.00. Oz. $3.50.

Bolgiano's Finest Mixed Giant Show Pansies. This mixture, full of startling beauties, is so well known that a description is hardly necessary; if you want a perfect dream of beauty, try this mixture. Pkts. 10c and 25c. ⅛ Oz. 35c. ¼ Oz. 60c. Oz. $2.25.

217. **Stocks.** Bolgiano's Giant Perfection Double Stocks. A magnificent strain, 2½ feet high, with long, well-filled spikes of very large flowers. This well-known annual is sometimes grown in pots, but usually used for garden decorations. Pkts. 5c, 10c and 25c. ¼ Oz. 90c. Oz. $3.50.

218. **Sunflower.** Single thousand flowered, Single Cut and Come Again, Double Cut and Come Again. Double Globes of Gold, in grandest mixture. This is a branching pyramidal plant, bearing hundreds of yellow flowers. The Cut and Come Agains are from 3 to 4 feet high, and of a bushy habit, bearing hundreds of small flowers 3 to 4 inches across. The Double Cut and Come Again are extremely attractive. The Double Globes of Gold grow 3 to 3½ feet high and bear double golden flowers. Pkts. 5c, 10c and 25c. Oz. 30c.

220. **Sweet William.** For many years the Sweet William has been esteemed as one of the finest of our hardy garden plants, being of easy culture and thriving in any good garden soil and lasting for years. The plants grow about 1 foot high and form fine clumps. Our perfection strains produce heads of fragrant flowers, including blood-crimson, salmon, pink, white, cerise, etc. Many have large white eyes, and all being sweet scented.

Single mixed. Pkts. 5c, 10c and 25c. ½ Oz. 35c. Oz. 60c.

Double mixed. Pkts. 5c, 10c and 25c. ½ Oz. 35c. Oz. 60c.

221. **Thunbergia.** Black-eyed Susan. Beautiful, rapid-growing annual climbers, preferring a warm, sunny situation; used extensively in hanging-baskets, vases, low fences, etc.; very pretty flowers in buff, white, orange, etc., with dark eyes; mixed colors; 4 feet. Pkts. 5c and 10c. ¼ Oz. 25c. Oz. 75c.

223. **Tritoma.** Hed Hot Poker Plant. Showy plants either for bedding, vases or pot culture. A most striking ornamental Autumn plant; valuable for shrubberies, flower borders or beds; large spikes of orange-scarlet flowers; 3 to 4 feet. Pkts. 5c, 10c and 25c. ¼ Oz. 30c. Oz. $1.00.

226. **Verbena.** Mammoth. This Verbena produces magnificent flowers in wide range of colors. The blooms are frequently larger than a silver quarter. The colors are rich and varied, embracing all the bright shades. Pkts. 5c, 10c and 25c. ¼ Oz. 35c. ½ Oz. 60c. Oz. $1.00.

227. **Verbena.** Bushy or dwarf. These are free flowering hardy annuals of low spreading growth. Single plants in rich soil will cover a space 3 to 4 feet in diameter and furnish a profusion of flowers. If the flowers are kept cut the plants bloom much more freely. Pkts. 5c, 10c and 25c. ¼ Oz. 35c. ½ Oz. 60c. Oz. $1.00.

229. **Vinca Rosea.** Madagascar Periwinkle. Dwarf bedding plants with deep green glossy foliage and bright single blossoms of striking beauty; sow early. Pkts. 5c, 10c and 25c. ¼ Oz. 30c. Oz. $1.00.

231. **Wallflower.** German. Finest Mixed. An old favorite garden flower. The large, massive spikes of the Wallflower are very conspicuous in the beds and borders and are very useful in making bouquets. Height about 1½ feet. Pkts. 5c, 10c and 25c. ¼ Oz. 60c. Oz. $2.25.

232. **Wild Cucumber.** Quickest grower of all climbers. Thickly dotted with pretty, white, fragrant flowers followed by ornamental seed pods. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.

233. **Xeranthemum.** Everlasting or Immortelle. Annum. One of the prettiest and most satisfactory of the everlasting, bearing bright rose, purple and white flowers, which are not only showy in the garden, but useful for dried flowers in Winter bouquets. Grows about 3 feet high and can be sown in the open ground early in May, growing in any sunny position, remaining in bloom from early Summer till frost. Mixed colors. Pkts. 5c, 10c and 25. Oz. 50c.

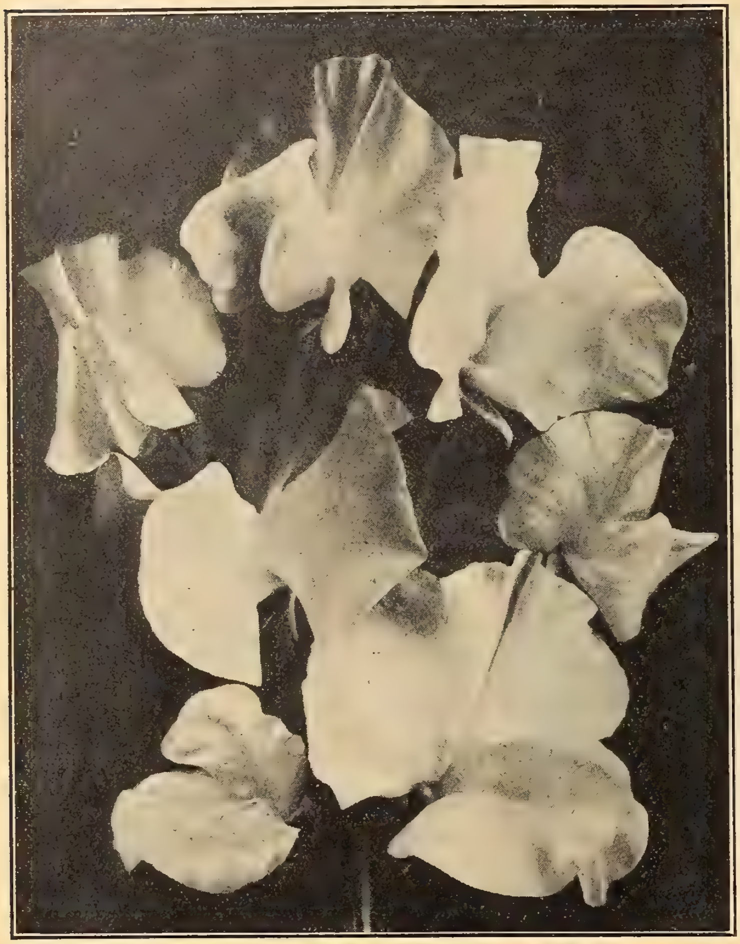
234. **Zinnias.** Giant Mammoth. Mixed. The garden annuals are greatly improved; the plants form handsome bushes 2 feet in height, with large, double flowers of all brilliant colors. Pkts. 5c, 10c and 25c. ½ Oz. 35c. Oz. 60c.

235. **Zinnias.** Dwarf. Thick branching little plants about 1 foot high; they fairly bristle with tiny, short-stemmed double flowers like a large daisy in size. They may be used with success in pots as well as for groups and edgings. Pkts. 5c, 10c and 25c. ½ Oz. 40c. Oz. 75c.

6600 Bolgiano's Wild Flower Garden or Children's Flower Garden Mixture

This is a mixture which will give great pleasure to all who try it for waste corners and patches, and with a little or no care will procure a pleasing effect in places that would otherwise be nothing but a collection of unsightly weeds. This mixture is ideal for the Children's Garden. Why not put aside a little patch of ground for every one of your children; show them how to spade and rake the bed smoothly, then early in May sow the seeds broadcast over the bed, and cover about one-half inch with fine sifted soil? Make the children a present of a package of seed and a watering pot and teach them to water when necessary. Do not thin out the plants and they will have a grand display of flowers the entire Summer. If you have no children, try a patch yourself. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 30c. ¼ Lb. $1.00. Lb. $3.00.

We Pay Postage on Pkts., Ozs. and ¼ Lbs. Only
Parcel Post Rates, see Page 2



Bolgiano's Gigantic Orchid Flowered Countess Spencer Sweet Pea

Sweet Peas

Bolgiano's Giant Orchid or Spencer Flowering Varieties

We have endeavored to select the very best named varieties of Sweet Peas. The following are recommended by the leading growers to be the finest selections, either for color, size of blossom or for cutting. We feel sure they will give entire satisfaction.

They are a great improvement on the standard sorts, having large, round, open flowers of extraordinary size, measuring two inches and over across, with wavy standards and wide spreading wings, most of which bear four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting, and are just as easy to grow as the standard varieties. We have omitted all small flowering and inferior varieties and duplicates under different names. If anyone familiar with a name of variety not catalogued here will write us for it, we can probably send precisely the same shade of color in an improved variety under one of the names we list here.

We recommend the following methods of planting: Sow seeds indoors in January or February in boxes or pots. If in pots put 4 to 6 seeds in a 3-inch pot, grow in a cool temperature. Plant outside about the middle of April. If the ground for same has been well prepared and enriched, they will need nothing but watering in dry weather; except when in blossom when watering of liquid manure will be very beneficial. Keep the flowers well cut if you desire to prolong the flowering season.

6700 Bolgiano's Giant Orchid or Spencer Flowering Mixture

This wonderful mixture contains only the choicest and finest Spencer types. The colors are grown separately, then mixed in equal proportions to insure a well balanced range of colors. Pkt. 10c. Oz. 25c. ¼ Lb. 75c. Lb. $2.50.

6705 Bolgiano's Choice Mixture of Grandiflora Varieties

This mixture is made up of the best distinct varieties of Grandifloras and has a vast range of color and profusion of bloom. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

	Pkt.	Oz.	¼ Lb.	1 Lb.
6725. **America Spencer.** Striped brilliant carmine red on white....	10c	30c	$1.00	$3.50
6730. **Apple Blossom Spencer.** Immense waved and crinkled flowers of crimson rose color with creamy blush wings	10c	30c	1.00	3.50
6740. **Asta Ohn.** Lavender tinted mauve; very fine.................	10c	30c	1.00	3.50
8. **Aurora Spencer.** Brilliant orange rose-striped and flaked on a cream white, the most attractive of the striped Spencers	10c	30c	1.00	3.50
6750. **Blanche Ferry Spencer.** Pink and white. These beautiful colors in the large, wavy standard and wings are a welcome addition.....	10c	30c	1.00	3.50
6760. **Constance Hinton.** A beautiful white Spencer of enormous size. Young flowers usually tinted a trifle pink but they soon turn pure white	10c	30c	$1.00	$3.50
6765. **Countess Spencer.** The coloring is a soft rose pink, which deepens at the outer edges and becomes still richer or more heavily suffused in cool weather....................	10c	30c	1.00	3.50
6770. **Dobbies Cream.** We consider this the very best deep cream or primrose colored variety; nicely waved...........................	10c	30c	1.00	3.50
6775. **Fiery Cross.** Has all the appearances of live fire, the color being a scorching fire-red, or scarlet, without any shading and which scintillates and glitters in bright sunshine, thus adding a glowing fire like sheen, which radiates over the flower. It can be grown in all soils, without shading. The beautiful waved and fluted flowers are borne freely in threes and fours, well placed on long, stout stems.......	10c	50c	1.50	5.00
6780. **Florence Morse.** Light pink edged Countess Spencer	10c	30c	1.00	3.50
6785. **Florence Nightingale.** The largest and finest pure lavender..................	10c	30c	1.00	3.50
6790. **George Herbert.** Beautiful, rich bright rosy carmine	10c	30c	1.00	3.50
6788. **Helen Lewis Spencer.** The wings orange-rose; the standard is of an intense, rich crimson-orange. Blooms of a gigantic size...	10c	30c	1.00	3.50
6795. **Illuminator.** Rich glowing cerise salmon, with an indication of bright orange suffusion.	10c	30c	1.00	3.50
6800. **King Manuel.** Giant chocolate maroon self, one of the largest and best of this color..	10c	30c	1.00	3.50
6805. **Loyalty.** A fine large, waved, bright blue, flaked on white.........................	10c	30c	1.00	3.50
6810. **Margaret Atlee.** Duplex salmon-pink, suffused on cream ground......................	10c	30c	1.00	3.50
6815. **Marie Corelli Spencer.** The large flowers are brilliant rose carmine or red of the true Spencer form. The wings are a pure rose crimson while the standard shows a tint of cherry red	10c	30c	1.00	3.50
6820. **Maud Holmes.** A large and bright rich crimson	10c	30c	1.00	3.50
6825. **Mrs. Hugh Dickson.** One of the finest; beautiful salmon-pink on a cream ground....	10c	30c	1.00	3.50
6830. **Mrs. Routzahn Spencer.** The beautiful coloring is buff on apricot ground flushed with pink deepening toward the edges. Charming as a cut flower..............................	10c	30c	1.00	3.50
6835. **Mrs. Walter Wright Spencer.** A beautiful shade of deep mauve; very artistic......	10c	30c	1.00	3.50
6840. **Primrose Spencer.** The finest primrose yellow, with very large wavy flowers.........	10c	30c	1.00	3.50
6845. **Rainbow Spencer.** Ivory streaked rose. A handsome sort..........................	10c	30c	1.00	3.50
6850. **Royal Purple.** The color of this charming variety is a fine royal purple and beautifully waved. It is absolutely distinct........	10c	30c	1.00	3.50
6852. **Ruby Spencer.** Rich, dark red. The flowers are enormous and borne three and four to a stem................................	10c	30c	1.00	3.50
6855. **Senator Spencer.** The color is a varying combination of deep scarlet and chocolate striped and flaked on a ground of light heliotrope	10c	30c	1.00	3.50
6860. **The President.** The intensely rich and dazzling orange-scarlet color of the flower equals in brilliance the Oriental Poppy. Both for exhibition and garden decoration. "The President" is the most striking and valuable addition to Sweet Peas that has been offered in recent years	10c	50c	1.50	5.00
6865. **Wedgewood.** Flowers of good size and a fine shade of Wedgewood blue; wings well waved; very free flowering; considered by Sweet Peas experts to be the very finest blue variety yet introduced......................	10c	30c	1.00	3.50
6870. **White Spencer.** A pure wavy white of enormous size and splendid substance........	10c	30c	1.00	3.50

Bolgiano's Superb Collections Sweet Peas

6880. 18 Pkts. choice Spencer varieties in all the most beautiful shades for $1.50.

6885. 12 Pkts. choice Spencer varieties in all the most beautiful shades for $1.00.

6890. 6 Pkts. choice Spencer varieties in all the most beautiful shades for 50c.

Double Herbaceous Paeony

Bolgiano's Excelsior Double Pearl

Tuberoses

Mailing Weight 1 Lb. per Doz. 7 Lbs. per 100
Parcel Post Rates, see Page 2

One of the most fragrant and most popular of the Summer flowering Bulbs. Easily recognized by its fragrance and beautiful flower spikes, which are borne on long stems, making it an admirable cut-flower for house decorations. Plant in open ground after the first day of May. If started in pots and then transplanted to open ground can be had much earlier.

MAMMOTH BULBS

Bolgiano's Mammoth Excelsior Dwarf Pearl Tuberoses are a special selection which we have perfected after years of reselecting and improving. This Mammoth strain is positively the highest type of Tuberoses. The kind to grow if you desire prize blooms. Prices: 7c each. 75c doz. $5.75 per 100.

First Size Bulbs. These are choice, selected stock, free flowering, which are borne on long stout stems. They are the kind that are ordinarily sold for Mammoth bulbs. Prices: 4c each. 40c doz. $2.75 per 100.

Fragrant Double Pearl Tuberoses

Bolgiano's Fragrant Paeonies

"QUEEN OF SPRING FLOWERS"

The old-fashioned Pæony officinalis in our grandmother's garden, while still popular because of their early flowering, have been eclipsed by the wonderfully improved sorts introduced in recent years. They are the "Queen of Spring Flowers," and are well adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubbery border, where their brilliant hues add attraction to all around. Their requirements are so simple—a good, rich, deep soil, and an open, sunny position, which, however, is not absolutely necessary, as they thrive almost equally as well in a partly shaded position, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers, which rival the finest Roses in coloring and fragrance, and produce during their flowering season a gorgeous effect not equaled by any other flower. They are perfectly hardy, requiring no protection whatever, even in the most severe climate, and once planted increase in beauty each year.

An important point to observe in the planting of Herbaceous Pæonies is not to plant too deep. The roots should be placed so that the crowns are covered with 2 inches of soil. Too deep planting is a frequent cause of shy flowering.

Unnamed Paeonies to Color—All Double Flowering

Mailing Weight 1 Lb. Each Parcel Post Rates, see Page 2

Our Pæonies to color you will find unsurpassed. They are fine, large flowers with rich colors, free bloomers. The roots we offer are strong. Be sure and try them. We have these Pæonies in Crimson, Red, White, Pink, Rose colors. 25c each. $2.75 doz.

Calladium or Elephant Ears

Calladium or Elephant Ears. One of the most effective plants in cultivation for the flower border bed or for planting out on the lawn. It will grow in any garden soil, and is of the easiest culture. To obtain the best results it should be planted where it will obtain plenty of water and abundance of rich compost. Foliage light green. When full size it stands 6 feet high and bears immense leaves 3 to 4 feet long by 2¼ feet wide. Should not be planted in the open until May 1st, but to get them in early growth can be started indoors.

Mammoth Calladium Bulbs

These are particularly fine for center of beds, giving a beautiful effect where Cannas and Scarlet Sage are planted on the outside borders. They are only the choicest and most select bulbs, producing the most massive effect with their foliage.

Extra Large Bulbs. 9 to 11 inches in circumference, 10c each. $1.00 doz. By mail add 7c per bulb.

Large Bulbs. 7 to 9 inches in circumference, 5c each. 50c doz. By mail add 5c per bulb.

Small Bulbs. 5 to 7 inches in circumference, 3c each. 30c doz.

Calladium or Elephant Ears

Large Flowering Cannas

Culture. Cannas should be planted in good, rich garden soil, mixed with half of old rotten stable manure, by the end of May, when danger from frost is past. Water sparingly for first two weeks after planting. When growing freely, water liberally. Set the plants about 18 inches apart each way, and if more than one kind is used, be careful to plant the taller growing kinds in the center and the dwarf ones along the edge. This applies to planting in beds.

Parcel Post Weight 1 Lb. Per Root

City of Portland. 3½ ft. Glowing Pink; profuse bloomer. Magnificent for bedding. 15c each. $1.75 per doz.

Dragon. 3 ft. Deep ox-blood red rich color, good bedder, fine for border. 10c each. $1.10 per doz.

Golden Gate. 4 ft. Pure gold, with apricot center, 10c each. $1.10 per doz.

King Humbert. 5 ft. In this grand canna we have a combination of the highest type of flowers with the finest bronze foliage. Its flowers measure 6 inches in diameter, produced in gigantic trusses, a brilliant orange scarlet with bright red markings; foliage broad and massive, of a rich coppery-bronze. 10c each. $1.10 per doz.

Morning Glow. 4 ft. A color contrast of more than usual picturesqueness; foliage an olive-green, striped and veined with bronze. Flowers exquisite, soft shell-pink with orange-red center. 10c each. $1.10 per doz.

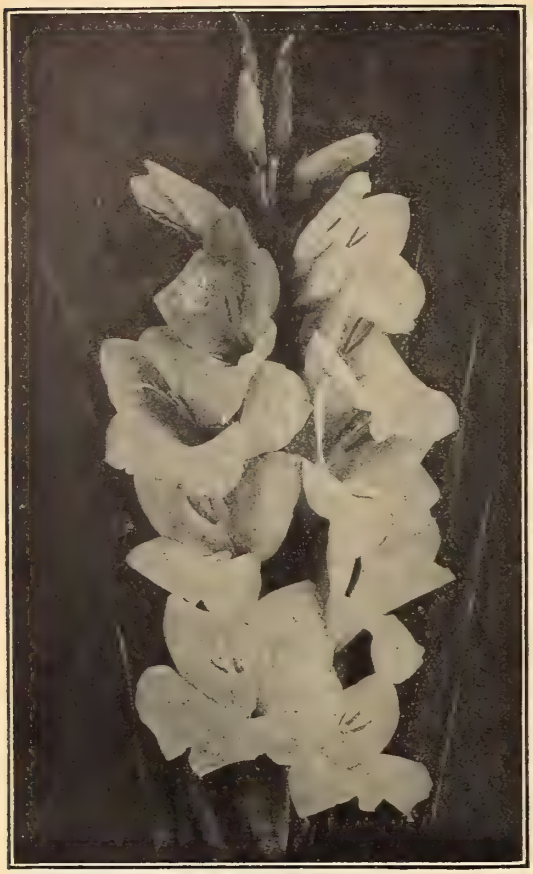
Richard Wallace. 4½ ft. Beautiful canary yellow. 10c each. $1.10 per doz.

The President. 4 ft. Nearly everyone had a chance to become acquainted with this canna marvel last summer, for this was the glorious red flower grown on the public grounds at Washington, D. C., and in the largest public parks in this country. Color is rich glowing scarlet, and the immense, firm flowers, 7 inches across when open, are produced 10 to 15 on a head, on strong, erect stalks. 15c each. $1.75 per doz.

Wintzer's Colossal. 5 ft. The average flower more than covers a man's hat. The color is a striking, vivid scarlet, that does not fade, but retains its brilliancy as long as the flower lasts. A splendid canna for large beds as it blooms continuously. 12c each. $1.35 per doz.

Wyoming. 7 ft. Orange flowers, purple foliage. 8c each. 90c doz.

Yellow King Humbert. 5 ft. A rare beauty, green foliage, symmetrical plant, golden yellow flowers dotted red, strong habit, makes a splendid variety to bed with the bronze leaf King Humbert. 10c each. $1.10 per doz.



The Magnificent Gladioli America

Mailing Weight 1 Lb. per Doz. 4 Lbs per 100

Gladiolus

Parcel Post Rates, see Page 2

OUR LIST COMPRISES ONLY THE BEST BOTH IN MIXTURE AND NAMED SORTS

Rare and Beautiful Varieties

The Most Popular Cut Flower of the Day Now Within the Reach of All

This flower has made wonderful strides during recent years. Its popularity today is exceeded by few other flowers and it has by no means reached its limit. Failure with this flower has never been known. They will grow in any open position and bloom well. They are not only showy in the garden, but when cut with the first flower open will last for 10 days in the house. The newer colorings defy the choicest orchids. Plant bulbs 4 inches deep, 6 inches apart and stake when 2 feet high. Flowers appear from early July until late in the Fall. A succession of blooms may be had from July until October by making plantings from April to June about ten days apart.

America. A beautiful, soft, flesh-pink. The flowers are of the largest size. The petals are round, thick and strong, and will last at least 10 days in the house after being cut. By far the most vigorous and easily grown Gladiolus known. Stalks 2 to 3 feet long. Mammoth Bulbs 5c each. 40c doz. $3.00 per 100.

Augusta. A lovely and useful variety. A real gem of the garden. Beautiful flowers of pure white with blue anthers, which open all at one time. For massing in front of shrubbery or tall perennials, this variety is excellent, also for cut flowers. Mammoth Bulbs 6c each. 60c doz. $5.00 per 100.

Baron Jules Hulot. The finest blue Gladiolus yet seen. Rich deep color of an indigo shade. Mammoth Bulbs 12c each. $1.25 doz. $10.00 per 100.

Empress of India. Rich velvety dark red with deeper shadings. One of the richest colored varieties. Immense flowers on strong stalks. Very decorative. Mammoth Bulbs 7c each. 75c doz. $6.00 per 100.

Fire King. Long, graceful spikes, showing half a dozen immense blooms open at the same time. Color, intense fire-scarlet. Is perfectly grand; will become the leading cut-flower variety of its color. Mammoth Bulbs 6c each. 60c doz. $5.00 per 100.

Halley. Salmon-pink, shaded yellow. Very large, well-expanded flowers. The predominating color of the flower is a delicate pink, with a slight roseate tinge. The lower petals bear a creamy blotch with a bright red stripe through the center, producing a superb effect. Mammoth Bulbs 5c each. 50c doz. $4.00 per 100.

Mrs. Francis King. A beautiful scarlet pink of recent introduction, which has everywhere created wide comment for its startling beauty. Immense flowers on spikes growing 4 feet high. The spikes are covered with a mass of blooms. A wonder among Gladiolus. Mammoth Bulbs 5c each. 40c doz. $3.00 per 100.

Mrs. Frank Pendleton. Awarded Certificates of Merit by the Massachusetts Horticultural Society at Boston, August, 1909, and American Gladiolus Society of Baltimore, August, 1911. The flowers are very large and well-expanded, of a lovely flushed salmon-pink with brilliant carmine, or deep blood-red blotches in the throat, presenting a vivid contrast of orchid-like attractiveness. Mammoth Bulbs 10c each. $1.00 doz. $8.00 per 100.

Niagara. Immense flowers often 4½ inches across; color entirely new in Gladiolus. Soft primrose-yellow, slightly ringed rose-pink in throat, penciled with carmine on two lower petals. Mammoth Bulbs 7c each. 75c per doz. $6.00 per 100.

Panama. Owing to its habit, color and form, it is sure to become the most popular Gladiolus in the near future. It has all the desirable features of the variety America, but in color is a rich rose-pink. Unquestionably one of the finest. The stalks are tall and very robust, many flowers appearing at one time. Mammoth Bulbs 8c each. 90c doz. $7.00 per 100.

Peace. A grand white with pale lilac featherings on interior petals; large flowers correctly placed on a heavy straight stalk 5 feet high. Peace is a wonderful variety, being a splendid keeper when cut. It flowers Midsummer and late when the best of other Gladiolus are gone. Mammoth Bulbs 7c each. 75c doz. $6.00 per 100.

Pink Perfection. Delicate apple-blossom pink. Very large, beautiful flower. Mammoth Bulbs 12c each. $1.25 doz. $10.00 per 100.

Schwaben. Stalk produces about 20 very large flowers, 6 to 8 usually open at one time. The color is the best of clear canary yellow, shading to a soft sulphury yellow when opening. Mammoth Bulbs 10c each. $1.00 doz. $8.00 per 100.

Bolgiano's Superb Mixture of Gladiolus

A mixture of the largest number of the most magnificent varieties of any popular mixture yet introduced, contains best strains of each variety. Every bulb of this mixture has been selected with utmost care for coloring, size of flower and purity. 40c per doz. $3.00 per 100.

Bolgiano's Fine Mixture of Gladiolus

A mixture containing some of the choicest and best strains of the different named varieties. Second size. 35c doz. $2.50 per 100.

The Magnificent Gladioli Peace

Mailing Weight, 1 Lb. per Root

Dahlias

Parcel Post Rates, see Page 2

Containing All the Most Recent Introductions of Both Europe and America

We will sell 6 at dozen rate. *Any two 20c Dahlias for 35c*

Important. We supply undivided Field-Grown "Clumps" (Roots just as they are grown in the field). It is a mistake to buy cheap divided Roots, they will not give satisfactory results.

Five New Dahlias

Set of 5 for $1.25

In presenting these 5 grand sorts below, we have spared neither pains nor expense, and have not the least hesitation in proclaiming them as the highest efficiency attained in Dahlias as yet. In offering these to our customers for the first time, we have taken into consideration every quality that goes to make up a sterling sort, and can frankly say that not one is missing.

	Each	Doz.
Ayesha. (Decorative.) A wonderfully handsome, clear, light yellow Dahlia that has attracted great attention..	30c	$3.25
Dr. Tyrrell. (Decorative.) Flower is substantial in form and prolific, measuring 8 inches across; the color is a rich golden bronze........	25c	2.75
Mrs. C. H. Breck. (Decorative.) A beautiful variety of the hybrid class; soft yellow suffused carmine; very distinct and pleasing........	30c	3.25
Minnie Burgle. (Decorative.) This production has been acknowledged to outclass everything of its color and stands out alone as the best rich red Dahlia in existence. The flowers are very large, the plant is very strong, vigorous, upright grower, and an early and continuous bloomer	30c	3.25
Grand Duke Alexis. Very large flowers with quilled petals; color a rich strawberry red. An early and profuse bloomer	30c	3.25

Queen Mary (Superb Decorative)

Truly a Queen in Dahlias

The finest pink Dahlia ever grown; perfect in every way. The plant is a strong and vigorous grower, continuous bloomer. Flowers of a large size on long, stiff stems. Its beautiful, soft yet lovely color a glowing rose pink, together with a perfect shape, makes it the best decorative Dahlia in the garden. Valuable for cutting, as it retains its freshness for a long time. Price 30c each. $3.25 doz.

Superb New Cactus Dahlia

Set of 12 for $2.50

	Each	Doz.
Comrade. Yellow, blending to terra cotta; very fine petals, largest size and very good bloomer........	20c	$2.00
Gen. Buller. Rich, velvety, maroon; tip white; sometimes called the cactus Frank Smith........	20c	2.00
General Pershing. A very large creamy white hybrid cactus, with curved and twisted petals. A strong vigorous grower and profuse bloomer. Color white with cream shadings at center	40c	4.50
Golden Gate. Rich deep golden yellow, suffused and shaded amber. Vigorous grower, producing giant flowers on very long, stiff but graceful stems........	25c	2.75
Kriemhilde. Delicate pink, shading to a deep rose pink....	20c	2.00
Lawine. A large white, lightly suffused pink. A strong vigorous grower, early and profuse bloomer........	20c	2.00
Libelle. Color a beautiful aster purple. Very effective.....	20c	2.00
Marjorie Castelton. Rosy pink, tinted lighter toward center.	20c	2.00
Queen of Hearts. Clear glistening white petals, deepening to a lemon yellow at base. Magnificent........	20c	2.00
Richard Box. Color clear light yellow. An early and profuse bloomer. Large size and splendid form, with very long, narrow pointed petals........	30c	3.25
Success. Clear yellow with long pointed petals; an early, free and continuous bloomer on long stems........	25c	2.75
White Swan Cactus. A beautiful pure white cactus, medium size and profuse bloomer on long, stiff stems. Fine for cutting and the garden........	20c	2.00

New Decorative Dahlias

One each of any 12 decorative Dahlias for $2.25

	Each	Doz.
Gen'l J. B. Seth. Very large and perfectly formed with rather broad petals; color a rich strawberry red. An early and profuse bloomer........	20c	$2.00
Goldmine. The ideal pure yellow decorative Dahlia. Large perfect form, with full high center and a profuse bloomer on stiff stems	25c	2.75
Hortulanus Witte. Very large; pure white........	20c	2.00
Jack Rose. Color a rich shade of crimson........	20c	2.00
L. Kramer Peacock. The ideal white decorative Dahlia. Flowers large, perfect form. Strong, vigorous grower, profuse bloomer	30c	3.25
Lyndhurst. Still the best scarlet Dahlia. It's large, perfectly formed, full centered flowers are produced on long stems, well above the foliage........	20c	2.00
Melody. Color clear canary yellow, tinting to creamy white at the tip........	20c	2.00
Minnie McCullough. A very soft yellow overlaid with bronze. Excellent for cutting........	20c	2.00
Perle de Parc. Very large, pure white, sometimes slightly flushed pink; an early and profuse bloomer........	20c	2.00
Pink Jack Rose. Rose pink; sport of Jack Rose........	20c	2.00
Prof. Mansfield. Very large, yellow shaded red, tip white...	20c	2.00
Red Duke. Very large, rich dazzling cardinal red; splendid form with quilled petals........	20c	2.00
Sylvia. White in the center shading to solf pink........	20c	2.00
Yellow Duke. Canary yellow, quilled petals. A giant flower on long stems........	30c	3.25

**Queen Mary
Best Pink
Dahlia on
Earth**

New Show or Ball Dahlias

Set of 10 for $1.50

	Each	Doz.
Carol. Quilled petals and clear pink color........	20c	$2.00
Della Dorsheimer. Large, solf shrimp pink, quilled petals; long, slender stems........	20c	2.00
Duchess of York. Yellow heavily tipped carmine, shaded darker. A fine variety........	20c	2.00
Emily May. Yellow, blotched blonde red........	20c	2.00
Penelope. White, flaked lavender........	20c	2.00
Queen Victoria. Rich golden yellow........	20c	2.00
Red Hussar. Richest dazzling cardinal red; free bloomer; long stems; best red show Dahlia for cutting........	20c	2.00
Stradella. Deep purple crimson, early and profuse........	20c	2.00
Tansboro. Crimson shaded maroon, white profused crimson at base of petals, early and profuse........	20c	2.00
White Swan. Large; pure white........	20c	2.00

New Century Dahlias

One each of any six of these Dahlias for $1.00

	Each	Doz.
Autumn Century. A fine bronzy variety; large fine form on long stems. Color, buff yellow at base of petals shading through amber to red, with an iridescent sheen........	25c	$2.75
Cream Century. Another giant flower. Rich cream........	20c	2.00
Geisha Century. The inner half of the petal is a rich yellow, the outer half is an intensely rich scarlet........	20c	2.00
Gloria Century. Rich yellow, tipped and penciled vivid red; flowers of great substance, on long rigid stems. Very bright and effective	20c	2.00
Mrs. Jos. Lucus. A combination of Autumn shades Immense size, beautiful form, produced profusely on good stiff stems. Yellow suffused orange and overlaid salmon pink. One of the largest and handsomest........	25c	2.75
Mrs. Wendell Reber. Another giant flower, buff yellow, suffused and overlaid orange scarlet........	20c	2.00
Rose Pink Century. Very large deep rose pink........	20c	2.00
Yellow Century. Golden yellow, shaded darker........	20c	2.00

New Paeony Dahlia

One each of 6 for $1.25

	Each	Doz.
Baron G. de Grancy. A waxy, almost pure white. The blooms are born profusely on long graceful stems........	20c	$2.00
Canary. Clear canary yellow, with long stems; very profuse.	20c	2.00
F. R. Austin. One of the most striking Paeony Dahlias in existence. Flowers averaging from 6 to 8 inches across. Color: The outer petals are very long, creamy yellow, suffused, banded and shaded rich crimson; the inner petals are yellow at base, tinting lighter. Valuable for garden, exhibition and cut flower purposes........	40c	4.50
Fordhook Beauty. An outstanding shade of bronzy red, delicately suffused with salmon and yellow........	20c	2.00
Hortulanus Budde. Large rich scarlet on long stems. A good grower and free bloomer........	20c	2.00
Unique. This is not only unique in coloring, but in form. Half of the flowers are perfectly full to the center, of fine regular form; the other half of them have numerous curled and twisted petals, almost covering the center and other fantastic forms. Color is rich rosy mauve, with crimson shade at base of petal, very striking and effective........	30c	3.25

SELF-WATERING FLOWER BOXES

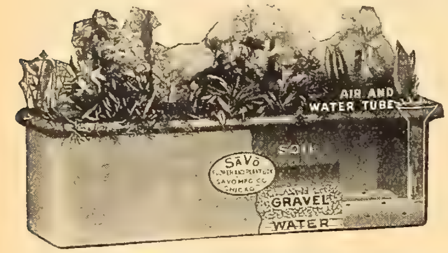
Made Entirely of Metal and Will Not Rust or Leak

They Do Away With all the Objectionable Features of the Old-Style Wooden Window Box

All Prices Subject to Change Without Notice

ADD DISTINCTION TO YOUR HOME—ATTRACT MOST FAVORABLE ATTENTION TO YOUR PLACE OF BUSINESS

Savo All-Year-Round Flower and Plant Box



Self-Watering and Self-Irrigating, for Windows, Porches, Posts and Sun Parlors

The Savo Flower and Plant Boxes are made of the best grade of galvanized steel, with neat round corners and a full roll rim, the watering is easy, the drainage ample, the air circulation perfect. The enamel finish, both inside and out, prevents rust or leakage and will last in constant use many years.

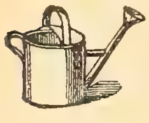
Directions for Using: First, place coarse gravel, pebbles, broken flower pots, charcoal or moss about an inch deep over the top of the double-arched reservoir, then fill the box with good, rich, black dirt, fill the reservoir with water and sow the seed or install the plants and see them grow.

Standard Stock Sizes and Price List

	Height Inches	Width Inches	Length Inches	Price
Model A.....	6½	6½	23	$3.00
Model B.....	8	9½	29	3.50
Model C.....	8	9½	35	4.00
Model D.....	8	9½	41	4.50

These are outside measurements, including the ¾-inch roll rim

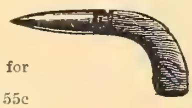
Beautifully finished in aluminum or dark green.



Galvanized Iron Water Pots

4 qts.	$ .75	10 qts.	$1.15
6 qts.	.85	12 qts.	1.25
8 qts.	1.00	16 qts.	1.60

Dibbles



Decidedly the best tool for transferring plants.

Wood Bent Handle.......55c

Mailing weight, 2 lbs.

Cedar Tree Tubs

Made of seasoned selected white cedar, bound with electric welded wire hoops (galvanized).

No.	Top In.	Bot. In.	Depth In.	Price
5	10	7½	9	$ .80
7	12	9	11	1.15
9	14	11	13	1.70
11	16	12½	15	2.10

Handles extra at 30c per tub.

Earthen Flower Pots

We carry a full line of sizes at all times.

Size	Each	Doz.
2 in........	3c	$ .20
2½ in.....	3c	.23
3 in........	4c	.30
3½ in....	4c	$ .35
4 in......	5c	.45
5 in......	7c	.75
6 in......	11c	1.20
7 in......	18c	1.95
8 in......	25c	2.75
9 in......	38c	4.30
10 in......	55c	5.85
12 in.....	1.00	11.85

Packing charges extra on Earthen Flower Pots, Earthenware Saucers, Earthern Fern or Bulb Pans. Minimum charge 25c. 50c per 100 up to size 6-inch. $1.00 per 100 size 6-inch and up.

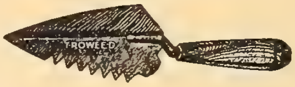
Earthenware Saucers

Size	Each	Doz.	Size	Each	Doz.
4 in........	4c	$ .35	8 in......	11c	$1.25
5 in........	5c	.45	9 in......	14c	1.65
6 in........	6c	.65	10 in......	17c	2.00
7 in........	8c	.90	12 in......	27c	3.00

Earthen Fern or Bulb Pans

Size	Each	Doz.	Size	Each	Doz.
5 in.......	7c	$ .75	8 in......	25c	$2.75
6 in.......	11c	1.20	9 in......	38c	4.30
7 in.......	18c	1.95	10 in......	55c	5.85

Troweed



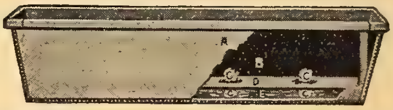
A boon to gardeners, florists, greenhousemen. A combination garden tool; has many advantages over the ordinary trowel weeder. Price 50c each.

The Illinois Self-Watering Flower Boxes

The Illinois Self-Watering System absolutely assures success with plants, bulbs and ferns in the home. This system is based on the principle of subterranean irrigation, a principle which is accepted by agricultural authorities as most conducive to the healthful growth of plants. In our window boxes and hanging baskets this method is ingeniously adapted through the use of sponges and a false bottom (see diagram below). The correct quantity of water is assured to the delicate root fibers of the plants at all times, the water being drawn up slowly by means of capillary attraction. Rapid and luxuriant growth results.

WE GUARANTEE

Every Box, Pot or Basket WILL NOT LEAK. Blooms will be larger and foliage heavier than in any surface-watered device. We will replace any box that leaks or wears out in any part within FIVE YEARS of date of purchase. We will refund the purchase price of any box or pot not giving satisfaction if returned within 60 days.



Illinois Self-Watering Window Boxes

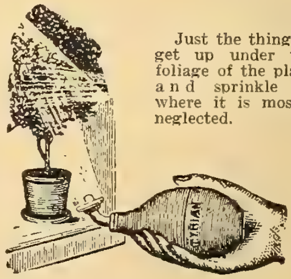
No.	Height Inches	Width Inches	Length Inches	Water Cap. Qts.	Price
0........	6	6	16	1	$2.70
1........	8	9½	23	2½	3.00
2........	8	9½	25	3	3.30
3........	8	9½	27	3½	3.60
4........	8	9½	29	4	3.90
5........	8	9½	31	4½	4.20
6........	8	9½	33	5	4.50
7........	8	9½	35	5½	4.80
8........	8	9½	37	6	5.10
9........	8	9½	39	6½	5.40

Illinois Self-Watering Porch Boxes

Special sizes made to order at prices proportionate to the above.

No.	Height Inches	Width Inches	Length Inches	Water Cap. Qts.	Price
21.......	9	12	37	7	$5.25
22.......	9	12	41	8	5.50
23.......	9	12	45	9	6.00
24.......	9	12	49	10	6.50
25.......	9	12	53	11	7.00

Red Rubber Plant Sprinklers



Just the thing to get up under the foliage of the plant and sprinkle it where it is mostly neglected.

8 ounce bent......................	$ .85 each
10 ounce bent.......................	1.00 each

Raffia

Write us for lowest prices.

Unglazed Hot Bed Sash

3 ft. 2 in. x 6 ft. To hold 28 lights. $2.00 each. Please write for prices in quantity.

Hot Bed Glass

8 x 10 in., 90 lights in box. Price........$4.00

Burlap Hot Bed Mats

Made of strong Burlap, interlined with wool.
Size 40 x 76 in. Single Sash.............$1.75
Mailing weight 10 lbs.
Size 76 x 76 in. Double Sash............$2.50
Mailing weight, 20 lbs.

Mastica

For glazing greenhouse or sash, new or old. It is elastic, adhesive and easily applied. It is not affected by dampness. Gal. $2.50.

Glazetite

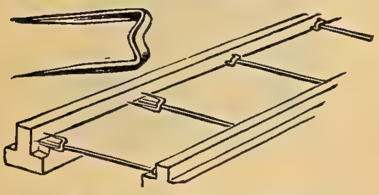
An ever elastic material for glazing and repair work. Will always remain in a rubber like condition. 1 Gal. $1.75. 5 Gal. cans $1.70 per gal. 35 and 55 Gal. bbls. $1.50 per gal.
One Improved Glazing Gun given gratis with each barrel or ½ barrel of Glazetite.

Improved One-Hand Glazing Gun—$5.00

Grafting Wax

¼ Lb.....12c ½ Lb.....20c 1 Lb.....38c

Peerless Glazing Points



Will stop your glass from sliding.
Peerless, price per 1,000..................75c

Heavy Dahlia Stakes

Height	Each	Doz.	100
3 ft.	10c	$1.10	$8.60
3½ ft.	12c	1.20	9.90
4 ft.	13c	1.40	11.40
5 ft.	16c	1.80	14.60
6 ft.	19c	2.20	17.90

Light Plant Stakes

1½ ft.	2c	20c	$1.50
2 ft.	4c	35c	2.80
2½ ft.	5c	50c	4.10
3 ft.	6c	68c	5.40
4 ft.	9c	$1.00	8.00
5 ft.	12c	1.32	10.60

Stakes by Parcel Post or express.

Hyacinth Stakes

Use for staking Hyacinths, Tulips and slender plants.

	Doz.	100	1,000
12 in.	5c	25c	$1.95
18 in.	6c	35c	2.90

Pot Labels

	100	500	1,000
4 in., plain	$ .15	$ .60	$1.05
4½ in., plain	.16	.70	1.30
5 in., plain	.17	.80	1.50
6 in., plain	.22	1.00	1.90
8 in., plain	.60	2.85	5.50
12 in., plain	1.00	4.40	9.10

Tree Labels

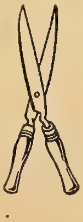
	100	500	1,000
3½ in., plain, copper wired	25c	$1.00	$1.90

Hedge Shears

6-inch....$1.15 9-inch....$1.75
8-inch.... 1.60 10-inch.... 1.90

With notch, 25c extra.

12-inch with notch only...$2.75



Parcel Post Rates, see Page 2

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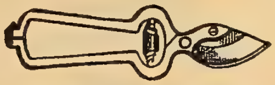
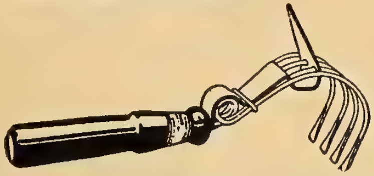


Pexto Pruning Shears

No. 50. 8-in., Pexto	$ .85
No. R-50. 9-in., Pexto	1.00
No. 60. 9-in., Pexton	1.00
No. R-60. 9-in., Pexto	1.20
No. 65. 9-in., Pexto, full polished	1.50
No. R-70. 9-in., Pexto	1.50
No. R-165. 9-in., Nickel Plated	1.85
No. R-85. 9-in., Pexto	2.25
No. V-20. 26 inches long	2.00
No. 14. 6-in., Ladies', Nickeled	1.25

Long Handle Pruning Shears

No. V-30. Long-Handle Pruning Shear, with lock nut, 26 inches long.............$2.75
Mailing weight, 1 to 2 lbs.

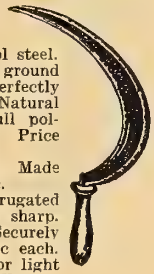


Combination Spring Tooth Magic Weeder Hoes

The Magic Weeder Hoe is a dandy, and in very great demand, far exceeding our expectation. Made especially for the trade.

Size	Length of Handle	Length Over All	Diameter of Tines	Width	Blade	Price
G	48″	57″	8-32″	5″	No blade	40c
K	48″	56″	7-32″	4″	"V" blade	50c

Village Blacksmith Sickles



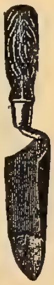
No. 3. Forged from bar tool steel. Thoroughly tempered and ground sharp, ready for use. Hangs perfectly without muscular effort. Natural hammer finish; upper side full polished. Turned maple handle. Price 60c.

No. 33. Same style as No. 3. Made of heavier material. Price 70c.

No. 4. Cutlery steel. Corrugated blade—ground wide, thin and sharp. Temper finished blade. Securely riveted hard wood handle. 50c each.

Blue Ribbon Sickle. Ideal for light work 50c. Mailing weight, 2 lbs.

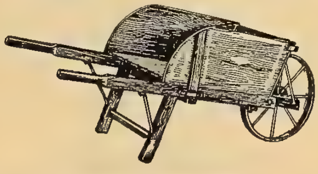
Gardeners' Trowels



No. 1. 6-inch steel—one piece	10c
No. 2. 6-inch riveted shank	15c
No. 10. Extra heavy solid steel. Riveted shank—6-inch blade	25c
No. 100. Florist's Trowel. Extra heavy. Cold-rolled steel. One piece	35c
D. S. T. High-grade English steel	55c

Transplanting Trowels

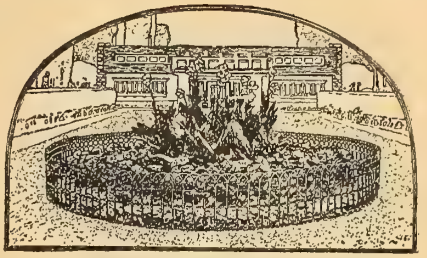
No. 15. Cold-rolled steel 5½-inch blade. Finest transplanting trowel on the market.......... 25c
Mailing weight, 1 lb.



Garden Barrows

These barrows are light, strong and durable, painted and varnished.

No.	Wheel	Inside Measurement	Price
2	17	11x20x25	$6.25
3	19	12x22x25	8.00

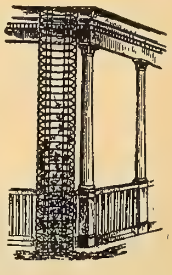


Perfection Flower Guard

It is just as easily applied to any form or size of flower bed. No posts are required, the picket ends are left projecting for insertion in the ground. Not expensive and can be taken up from year to year. It is cut off to the length required and the ends hook together when set. This border not only protects, but adds to the beauty of every flower bed.

	Our Special Price per ft.
12 in. high, per running foot	8c
18 in. high, per running foot	10c
24 in. high, per running foot	12c

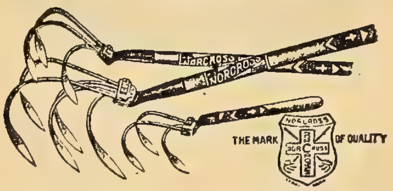
Trellis Wire



Excellent for training vines of all kinds up porches, verandas, pegolas, etc. Easy to put up, will last a lifetime. Thoroughly galvanized and well made, cut any length desired.

	Our Special Price per ft.
No. 107. 18 in. wide, Single	6c
No. 107. 24 in. wide, Single	8c
No. 108. 18 in. wide, Double	11c
No. 108. 24 in. wide, Double	13c

"Norcross" Cultivator Hoes and Weeders



Will cultivate closer to plants without injuring them than any other type of implement known, leaving the soil level, loose and untrampled. The sharp, tapering shovels enter the ground easily and are so arranged, one with another, as to literally tear up every inch of the soil, from one to five inches deep, as required. Detachable steel prongs, malleable head, extra high grade handles, finely finished throughout. Three sizes, suited to both men and women, and the average cost is only that of a common hoe.

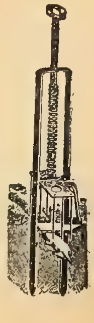
Three Sizes and Prices

5-prong, 4 ft. handle, weight 3 lbs.	$1.15
3-prong, 4 ft. handle, weight 2 lbs.	.90
"Midget," 9-inch handle, weight 12 ozs.	.45

The Little Giant Mole Trap

No Mole Can Pass!

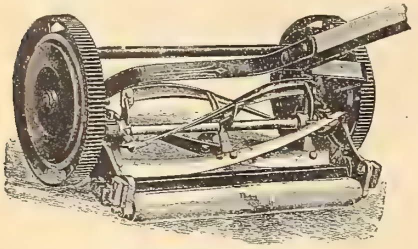
SIMPLEST—
SUREST—
SAFEST—



It is made of all steel and heavily tinned, which makes it a very attractive as well as a durable trap. The spears are made of spring-steel and are therefore smaller than those made of soft steel, piercing a mole more easily. 70c.
Mailing weight, 3 lbs.

Bolgiano's High Grade Lawn Mowers

Our Lawn Mowers are guaranteed in every respect; no pains or expense have been spared to produce the best mover that mechanical skill can devise.



Druid Hill Park Special

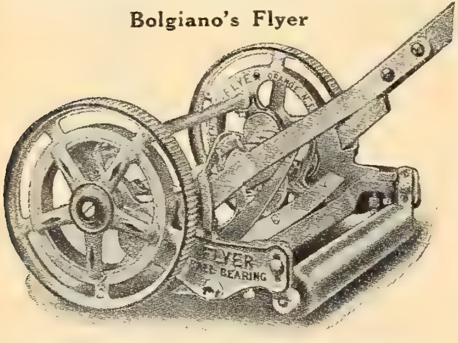
Blade	Kind	Wheel	Price
12 in.	Druid Hill Park Special	8 in.	$6.00
14 in.	Druid Hill Park Special	8 in.	6.50
16 in.	Druid Hill Park Special	8 in.	6.75

Bolgiano's Ball Bearing Lawn Mowers

For those who mow their lawns frequently we advise the Ball Bearing Machines.

Blade	Kind	Wheel	Price
12 in.	Bolgiano's Leader	8 in.	$7.50
14 in.	Bolgiano's Leader	8 in.	8.00
16 in.	Bolgiano's Leader	8 in.	8.25
18 in.	Bolgiano's Leader	8 in.	8.75
12 in.	Bolgiano's Crackerjack	9 in.	9.25
14 in.	Bolgiano's Crackerjack	9 in.	9.50
16 in.	Bolgiano's Crackerjack	9 in.	10.00
18 in.	Bolgiano's Crackerjack	9 in.	10.25

Bolgiano's Flyer



Bolgiano's Flyer. Here is the strongest, lightest running, most beautiful designed and finished mower in the world. Fully guaranteed. Blades made of crucible steel, oil tempered, double Pawl ratchet design placed in the pinion.

Blade	Kind	Wheel	Price
14 in.	Bolgiano's Flyer	9 in.	$10.25
16 in.	Bolgiano's Flyer	9 in.	11.25
18 in.	Bolgiano's Flyer	9 in.	12.25
20 in.	Bolgiano's Flyer	9 in.	13.25

Bolgiano's New Matchless

Blade	Kind	Price
14 in.	New Matchless	$13.75
16 in.	New Matchless	15.00
18 in.	New Matchless	16.50
20 in.	New Matchless	18.00

Bolgiano's New Orange

Blade	Kind	Price
14 in.	New Orange	$13.75
16 in.	New Orange	15.00
18 in.	New Orange	16.50
20 in.	New Orange	18.00

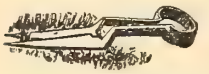
Horse and Power Lawn Mowers

Please write us for lowest prices.

Grass Catchers

No. 1. **Metal Bottom Catchers.** 16 inches deep, made of heavy duck; heavy galvanized wire frame; adjustable steel hoops, will fit any mower, equipped with perfection handle. Adjustable to mowers, 12 to 16 inches wide, 90c.

No. 2. **Metal Bottom Catcher.** Same as No. 1, but for mowers 16 to 20 inches wide, $1.00.

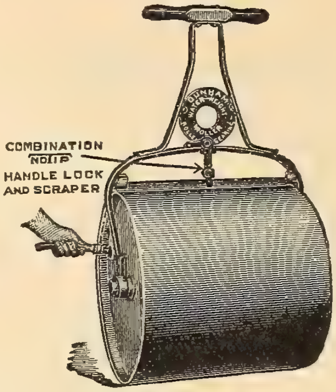


Grass Shears

No. 530. Bolgiano's Special	50c
No. 267X. Extra full polished blades and Bow. Tempered. Size 5½ inches	65c
No. 0267. Polished blades, shanks and bow. Trowel shanks. Our most popular grass shear. Size 5½ inches	75c

Mailing weight, 1 lb.

Waterweight Rollers



Style "WB" with "No-Tip" Lock and Scraper

No.	Diam. ins.	Length ins.	Sections	Weight empty	Filled with Water	Price
W. B. 3	**14**	20	1	60 lbs.	160 lbs.	$16.75
W. B. 5	**18**	24	1	85 lbs.	300 lbs.	20.00

This roller has a steel drum into which water can be poured until the roller is just the weight for the work at hand. For soft lawns it will not need so much water, while for firm turf, tennis court or drives it can be made as heavy as desired. When through rolling, all water is emptied out and the roller is light enough to be easily handled and put in the basement or garage.

The drum is made of heavy steel plates, carefully welded to form a solid, one-piece container for the water.

The freezing and thawing of Winter heave and crack the turf away from the subsoil, leaving roots exposed to the air. These roots dry out and die. In Summer, wind and sun dry out, bake and crack the soil about the roots. This will happen even in climates where there are no heavy frosts.

Rolling the lawn just as soon as the frost is out presses the heaved turf back against the subsoil and settles the earth firmly around the grass roots. Rolling throughout the Summer immediately after rains keeps the surface even for the mower to run over and discourages worms, ants, moles, etc.

Machine Oil

The best refined oil to be used on your lawn mowers or any of your delicate machinery. Price, ¼ pint 15c.

Clover Lawn Mower Sharpening Compound

CLOVER
LAWN-MOWER
SHARPENING
COMPOUND

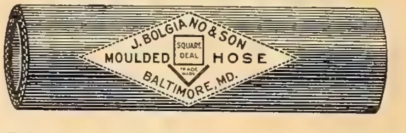
Clover Lawn Mower Sharpening Compound is a grinding compound, of which 3,000,000 cans are sold annually for a hundred purposes, and when applied in the right grade (grade D) to the cutting edges of a mower, after these edges have been properly adjusted, it will grind them together in place sharp, and make a perfect job of it. So simple is the whole operation, that any boy, girl, man or woman who can push a mower can sharpen one with Clover Compound, and do a better job than can a trained mechanic by employing the usual old time methods. Instead of paying from $1.00 to $2.00 to have your mower improperly sharpened once a season, buy a 50 cent can of Clover Mower Sharpening Compound and sharpen it every time you use it. You will never know the delight of cutting grass until you do. Price 50c per can.

Hose Sundries

Hose Menders, Sure Grip	Each 15c
Hose Couplings	" 20c
Hose Bands	" 5c
Hose Washers	Dozen 10c

Mailing weight, 1 lb.

Bolgiano's "Square-Deal" Moulded Hose



Bolgiano's "Square-Deal" Moulded Hose is made of the very best material and fills a long felt want for a high-grade host at popular price. 16c per foot.

Heavy High-Grade ¾-Inch Hose in Continuous Lengths. Add 20c for Couplings

	Per running foot
"Square-Deal," ¾ inch	16c
Mars, ¾ inch	18c
Electric, ¾ inch, double fabric	22c

High Pressure Hose for Spraying Purposes

Prices on application.

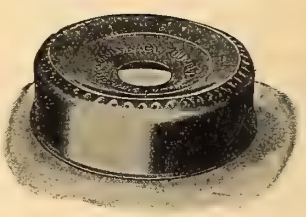
Hose Nozzles

Plain, 6 in....... 50c Mystic Spray 70c

The "Half-Circle" Fountain

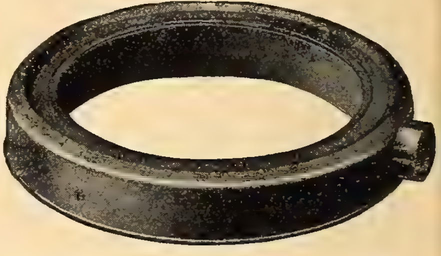
It sprinkles a semi-circle instead of a full circle. Price 40c. Mailing weight, 1 Lb.

The Baby Fountain



Sprinkles a square instead of a round surface. Price 50c.

The "Original" Fountain

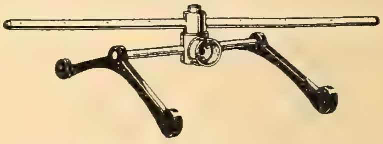


No moving parts. Sprinkles in a full circle. Very popular. 70c. Mailing weight, 1 Lb.

B. Sprinkler

Solid brass, with anchor to keep from tipping. One of the best sprinklers made. 45c.

Rainbow Brass Lawn Sprinkler



World's Best Rain Insurance

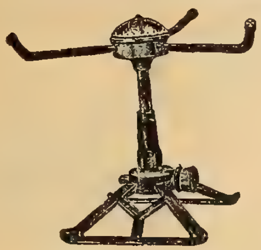
Does Not Stick or Rust. The water descends in small particles like mist and rain combined over an area of 40 to 50 feet, watering every inch of ground.

Instantly Set in Motion with Low Water Pressure. The Rainbow Sprinkler is supported on a brass sled, which may be easily drawn over the lawn. The Sprinkler may also be connected to a stand pipe.

The Rainbow Lawn Sprinkler works perfectly from artesian well or tank pressure. Strong in construction. Attractive in appearance.

Mailing weight, 4 Lbs. Price, $2.50 each. Guarantee attached to each sprinkler.

Revolving Lawn Sprinklers



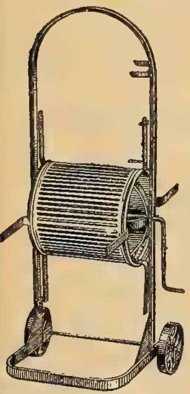
Universal Sprinkler

Universal. Black frame, with full nickel top and spreading arms. Sprinkles from both top and arms. $2.15.

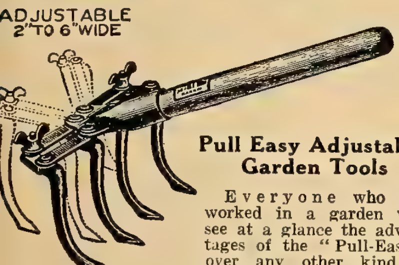
Preston. Black frame, with brass spreading arms. Not as tall as Universal, and sprinkles from arms only. $1.75.

Mailing weight, 5 lbs.

Wirt & Knox Hose Reels



Wirt & Knox No. 2. All metal, best tubular steel frame, heavy corrugated galvanized steel drum	$2.75
No. 10. Absolutely all metal, tubular steel rims and frames, diameter of rim 21 inches	$3.50
No. 20. Same as No. 10 only diameter of rim 24 inches	$4.00



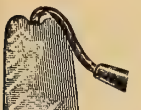
Pull Easy Adjustable Garden Tools

Everyone who has worked in a garden will see at a glance the advantages of the "Pull-Easy" over any other kind of a garden tool. When the arms are spread out to full width of 18 inches the cultivator is like a rake.

For narrow rows the outer ends of the arms can be closed to any width down to 7 inches.

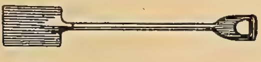
Hand Cultivator, 9-tooth, long handle	$1.15
Pull-Easy, Jr., short handle, 4-tooth	40c
Pull-Easy, Jr., long handle, 4-tooth	70c
5-Prong Adjustable Pull-Easy. Center tooth easily removable. 4-foot straight grained handle. Mailing weight 2¾ lbs.	90c
Pull-Easy Weeder	50c

Steel Hoes



Malleable Iron Socket, steel blade, S. R. 7	40c
Sockets, Y. S. G. 6½	75c
Sockets, Y. S. G. 7½	75c
Faultless, F. S. 7	$1.00
Warren, W. 7	1.00
Warren, W. 7½	1.10
Sprouting Hoe, H. G. 6-0	70c

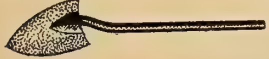
Spades



D Handle, No. 2, plain	$1.00
D Handle, No. 2, polished	1.15
D Handle, Post or Ditching Spade, No. 3	1.50
No. 452. Long Handle Spade	1.00

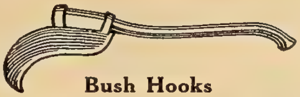
Mailing weight, 8 lbs.

Shovels, Long Handle



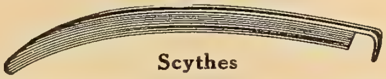
Long Handle Shovel, No. 2, plain	$1.20
D Handle. No. 3, polished	1.40
Hollow Back Scoop Shovel, No. 2	1.25

Mailing weight, 8 lbs.



Bush Hooks

Absolutely the best steel Bush Hook made, fully guaranteed. Price $1.50. Mailing weight, 6 lbs.



Scythes

English Steel Waldron Grass, 34 inch	$2.25
Silver Steel Waldron Grass, 30, 32 and 34 in.	1.50
Cloverleaf Grass Scythe, 30, 32 and 34 inch, light, yet strong and durable	1.10
Bush Scythe, No. 50, 18 and 22 inch	1.50
Copper King Weed Scythe, 24 and 28 inch	1.50
Handles Extra, with Loop Bolts	1.25
Handles, with Rings	1.50

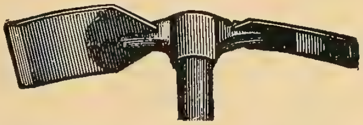
Mailing weight, 5 lbs.

Carborundum Scythe Stones

Carborundum, No. 190, 10¼ in. long, 1 in. wide	35c
Carborundum, No. 191, 12¼ in. long, 1¼ in. wide	40c

Mailing weight, 2 lbs.

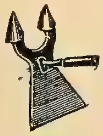
Mattocks, Heavy Steel



Mattock, No. 424, L. C	90c
M. H. 3, Mattock Hoe, light	65c
Handles, extra	35c

Mailing weight. 6 lbs.

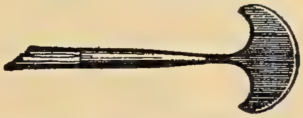
Double Prong Weeding Hoes for Weeding and Cultivating



No. 2, "P. W."	35c
Acme, A. W. (like cut)	95c
Rake and Hoe combined, 4 P. S. W.	80c

Mailing weight, 4 lbs.

Turf or Edging Knife



For trimming edges of paths, drives, flower beds and borders.

Kohler's Half-Moon Shape, T-E	90c

Mailing weight, 5 lbs.

Potato Hooks

All steel, 4 B. O. L	85c

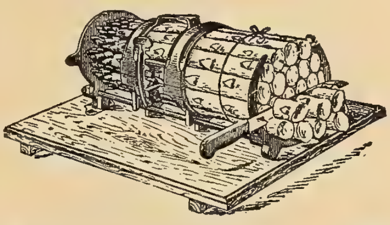
Scraper

Mehler's Poultry House Scraper	65c

Manure Forks

First quality steel, Y. S. 44½, 4-tine	$1.00

Asparagus Buncher



Price	$3.00

Mailing weight, 6 lbs.

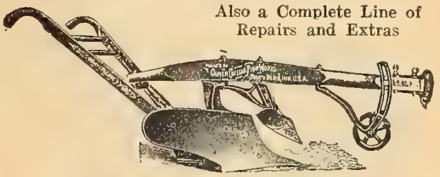
Asparagus Knives Made of Solid Steel

No. 260. Concave Straight Edge	35c
No. 399. Concave Fish Tail	40c

Mailing weight, 1 lb.

Oliver Chilled Plows

Also a Complete Line of Repairs and Extras



Wood Beams

No. A-1. Right-hand only, light one-horse. Price	$8.75
No. B. N. Right-hand only, medium one-horse. Price	10.00

Right and Left Hand

No. 10. N. Full one-horse	$12.75
No. 19. N. Light two-horse	15.75
No. 20. N. Medium two-horse	17.50
No. 40. N. & 40 X. N. Two or three-horse	20.00
No. E1. N. Medium heavy two-horse	20.00

Prices on Steel Beam Plows on application.

Wheels

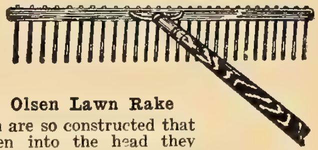
Brace Standard, two-horse, complete	$2.25
Straight Standard, one-horse, complete	1.50
Jointers, complete, two or three-horse	3.50

Steel Beams

No. A	$4.25	No. 19	$7.00
No. B	5.50	No. 20	7.25
No. 10	5.25	No. 40	8.00

	Shares	Land-sides	Mould Boards	Woodbeam Standards
A	$ .40	$ .60	$2.00	$2.75
B	.50	.90	2.75	3.00
10	.50	.90	3.00	3.00
13	.60	1.20	3.75	3.25
19	.65	1.20	4.00	3.65
20	.75	1.30	4.50	3.90
E	.75	1.30	4.75	4.10
40	.80	1.30	4.75	4.35

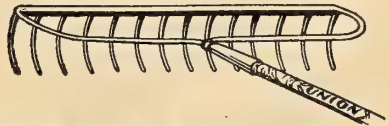
Lawn and Garden Rakes



The Ole Olsen Lawn Rake

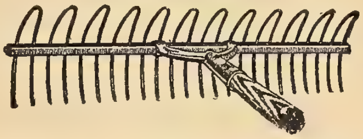
The teeth are so constructed that when driven into the head they will never shrink from place and cannot fall out. Price 90c. Mailing weight, 4 lbs.

Iron and Steel Garden Rakes



Malleable Rakes, M. S. 12	45c
Malleable Rakes, M. S. 14	50c
Steel Rake, high grade, B 12	90c
Steel Rake, high grade, B 14	95c
Steel Bow Rakes, bent tooth, F. B. 14	75c
Steel Bow Rakes, bent tooth, F. B. 12	70c

Lawn Queen Rake

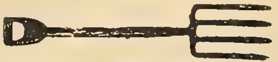


Made of heavy, tinned, steel wire. These are excellent for lawn or walk work. The rake is reversible and will answer several purposes. W. 24-tooth one side, 12 to the other side. Price 50c. Mailing weight, 5 lbs.

Floral Sets

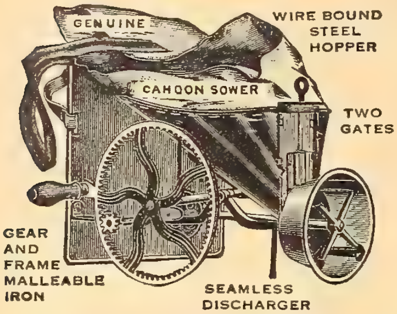
Shovel, Hoe and Rake, 3 F. S.	$1.50

Spading Forks



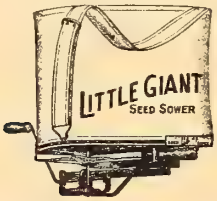
Union No. B. A. D. Boys, 4-prong	80c
Union "D" Handle, 4-prong, Z. S. A. L. D.	90c
Union "D" Handle, 4-prong, Y. S. A. L. D.	$1.20
Union "D" Handle, 5-prong, 5 A. D.	1.85

Cahoon's Broadcast Seeder



Sows all kinds of clover, grass and grain seeds, and throws heavy seeds; it will throw forty feet. A model for accuracy and durability. Malleable iron frame, steel hopper and gate, brass discharger. Price $4.25.

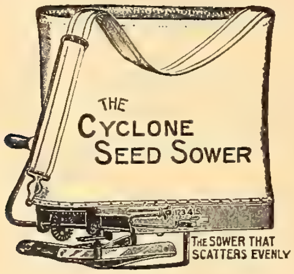
The "Little Giant" Seed Sower



The Little Giant (geared), known as No. 3, needs no introduction. It has been sold for more than twenty-five years. It is well known and has a good reputation.

Construction: This sower has a steel frame with heavy bearings and strong cog wheels. Has a rigid distributing wheel with steel spindle and ferrule. Is equipped with a stirrer to keep the seed from clogging, a body shield and a conveniently placed carrying handle. Is made from good materials and is nicely finished. Sack holds one-half bushel. Will sow all kinds of farm seeds, lawn grass, etc. Shipping weight, 4 lbs. Price $2.25.

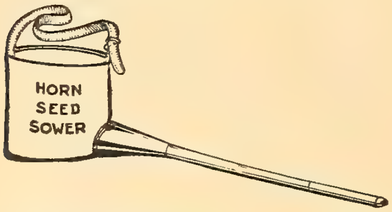
The "Cyclone" Seed Sower


THE
CYCLONE
SEED SOWER
THE SOWER THAT SCATTERS EVENLY

Has won for itself first place among all kinds of Hand Seed Sowers. It has proven in thousands of instances that it is the most accurate, most convenient to operate and most economical machine for sowing Clover, Timothy, Alfalfa, and all other farm seeds that can be sown broadcast. It runs easily and will distribute any desired quantity of seed per acre.

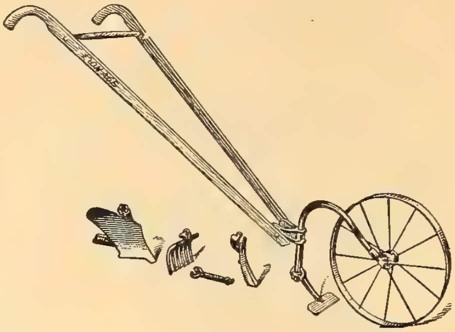
The "Cyclone" Seed Sower is constructed on correct up-to-date principles. Price $2.25.

The "Little Giant Horn" Seed Sower



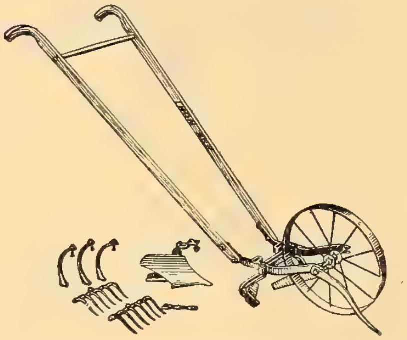
A light, accurate Seeder that will broadcast all varieties of clean farm seed, lawn grass, etc. It is made to telescope in three sections and has a feed gauge to regulate the flow of different kinds of seed. The sack is made from a good grade of duck. Shipping weight, 1 lb. Price $1.00 each.

"Iron Age" No. 12 Wheel Plow and Cultivator



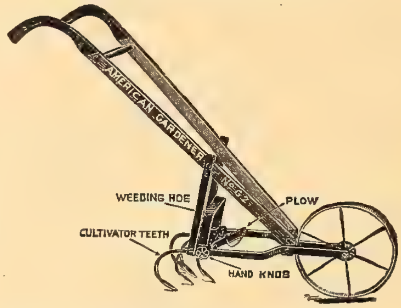
This simple, light-weight machine will be found of great service in simplifying the work in the small vegetable or flower garden. The average weight of this machine with one working tool is but 8 pounds. Price $5.00.

"Iron Age" No. 320 Single Wheel Hoe



A strongly constructed implement for the amateur or market gardener. It is light in weight and of simple construction. The attachments are a pair of side hoes, three cultivator teeth and a plow. Price $6.50.

Quick-Adjustable Cultivator



The **True Temper Geneva, No. G2**, is recognized everywhere as the only real quick-adjustable cultivator on the market.

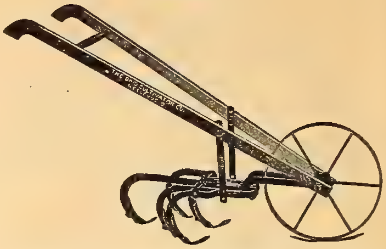
It has a Weeding Hoe, a Plow and five Cultivator Teeth, all permanently attached to a revolving steel plate.

Any of these tools may be securely locked into working position by a few turns of the Hand Wheel—a time and labor saver.

Machine has steel forged tools, well selected oak handles, with comfortable handle grips. It has 14-inch steel wheel and is finished in colors, then varnished. Weight 20 lbs. Price $5.75.

The large Turning Plow with landside, which is sold as extras, may be easily attached in place of Drill Plow. Price $1.50.

Skaboo

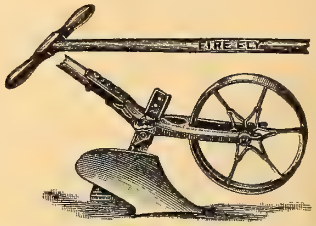


A complete five-shovel cultivator with detachable double-point reversible shovels. Adjustable from 10 to 14 inches in cutting width. A garden tool that will please the most exacting. Price $4.50. Weight, 21 lbs.

Fire-Fly Garden Plow

Packed weight, 14 pounds

$4.00

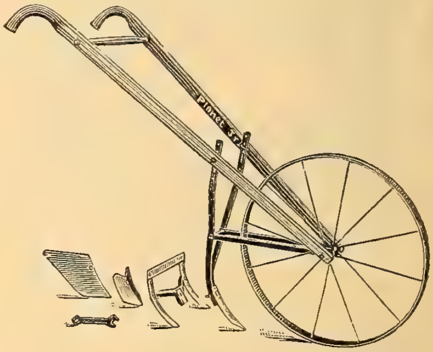


This tool is exceedingly useful to owners of small gardens. It will throw a furrow of 4 to 6 inches wide and 1 to 3 inches deep, and deeper by going a second time in each furrow. It opens furrows for manure or seeds and covers them, and opens up rows for all kinds of plant setting.

Chicken raisers find it of great advantage in plowing up their scratching yards.

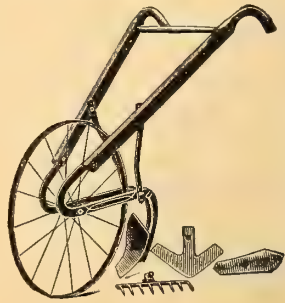
No. 119 Planet Jr. Garden Plow and Cultivator

$5.00



This new member of the "Planet Jr." family will appeal to all those who prefer a high wheel tool for their garden work. Where the soil has not been so thoroughly and carefully prepared, the high wheel undoubtedly makes an easy running tool. The wheel is 24 inches in diameter with a rim 1½ inches wide, insuring easy running in the lightest soil.

No. 2 Climax Cultivator



This garden Cultivator has made a reputation and the 24-inch high wheel makes it an implement which will serve any purpose desired. Price $3.25 each.

Planet Jr. Garden Tools

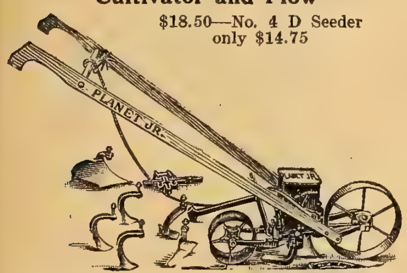
Biggest Savers for Farm and Garden

72-Page Planet Jr. Catalog Free. Describes 70 tools, including Seeders, Wheel Hoes, Horse Hoes, Harrows. **Write Postal for it.**

Why worry along with slow, out-of-date implements and meagre results? Planet Jr. tools are far more economical—they do 3 to 6 times the work, get bigger, better crops, and outlast several ordinary implements. **Fully guaranteed.** You are actually losing money whenever you cultivate without them.

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

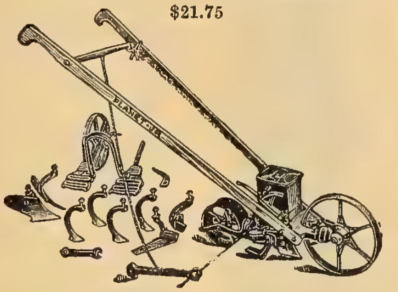
$18.50—No. 4 D Seeder only $14.75



Soon pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily.

No. 25 Planet Jr. Hill and Drill Seeder, Double and Single Wheel Hoe

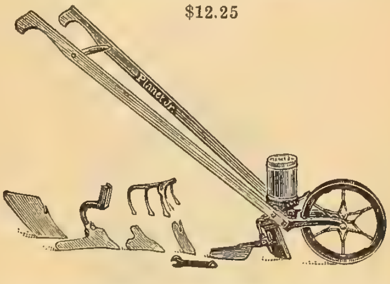
$21.75



A splendid combination for the family garden, onion grower, or large gardener. It is a perfect seeder, and combined double and single wheel hoe.

No. 31 Planet Jr. Combined Drill Seeder and Single Wheel Hoe

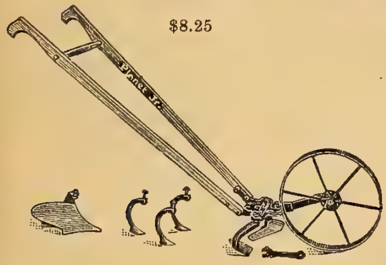
$12.25



It will sow even a small packet of garden seed with great precision. Quickly changed to a splendid wheel hoe. A special machine for the small gardener. No. 31-D. (Seeder only.) $10.00.

No. 17 Planet Jr. Single Wheel Hoe

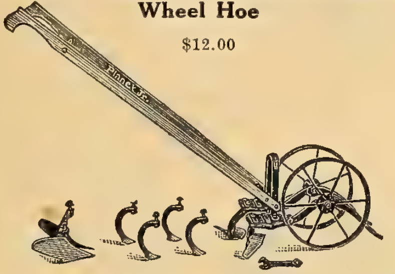
$8.25



The highest type of Single Wheel Hoe made. Light, but strong, and can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest, quickest and best way.

No. 12 Planet Jr. Double and Single Wheel Hoe

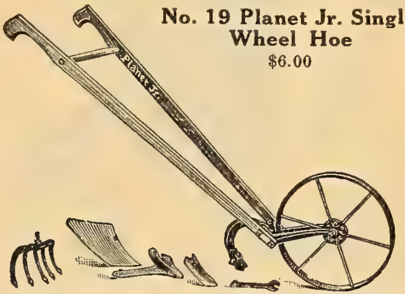
$12.00



A single and double wheel hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. The greatest hand-cultivating tool in the world.

No. 19 Planet Jr. Single Wheel Hoe

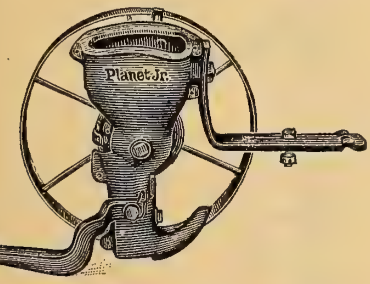
$6.00



This combination will delight the suburbanite, the growing boy, woman, younger or older, who will find it a light running wheel hoe that will save them hard work and help much to supply the table with fine vegetables.

No. 35 Planet Jr. Seeder Attachment

Price $6.00



This small seeder can be attached to any Planet Jr. Single or Double Wheel Hoes or Garden Plows, and will be found particularly suitable for the small kitchen garden. It will plant practically all seeds in a straight continuous row, at a uniform depth in a fraction of the time required by hand and infinitely better. The hopper holds one pint of seed and it can be used for planting even a small packet of seed. Also has a bracket to which a handle can be attached and used independently of the wheel hoe.

Everyone having a small kitchen garden should have this handy seeder.

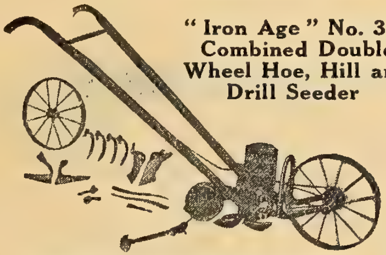
"Iron Age" New Model Seed Drills

The Seeder adjustment in the New Model is accomplished by use of a slide with a pear-shaped opening passing under the bottom of seed reservoir. The name of the principal seeds are plainly shown in the index. The flow of the seed can be instantly stopped by a swinging cut-off. This cut-off prevents all loss of seed. Price $10.25.

The "Iron Age" Plows, Cultivators, Hoes, Rakes and Drill Seeders

Complete Iron Age Catalog on Request

"Iron Age" No. 306 Combined Double Wheel Hoe, Hill and Drill Seeder

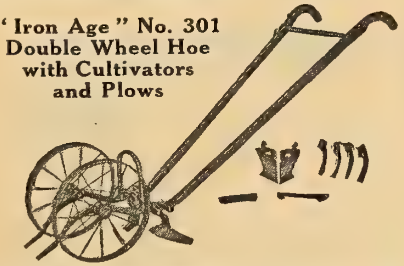


A practical tool for the market gardener; will sow all kinds of seed from Celery to Beans with the greatest regularity. Can be changed instantly from drill to hill-dropper, which will drop seed 4, 6, 8, 12 or 24 inches apart. Complete with cultivators, hoes, plows. Price $15.50.

"Iron Age" No. 304 Combined Double and Single Wheel Hoe and Drill Seeder

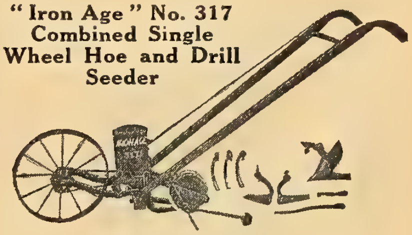
This machine is the same as No. 306, only that it has not the drill-dropping device and opening plow. Both tools as double and single wheel hoes are identical. Price $15.00.

"Iron Age" No. 301 Double Wheel Hoe with Cultivators and Plows



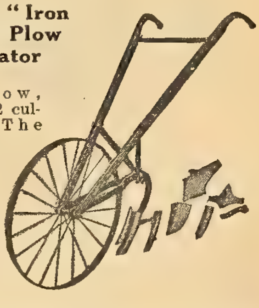
An indispensable machine to the market gardener or anyone cultivating a garden. This machine complete with all attachments. Price $9.25.

"Iron Age" No. 317 Combined Single Wheel Hoe and Drill Seeder



This machine sows only in drills; it does not alternate into a hill planter. Many market gardeners demand a separate machine for planting in drill. It is equipped with a complete set of cultivators, such as hoes, cultivator teeth, plows, vine lifter, and an attachment for marking out the rows. Price $12.50.

The No. 19-C "Iron Age" Wheel Plow and Cultivator



Consists of plow, rake, scuffle hoe, 2 cultivator teeth. The plow is used for breaking ground, opening furrow, and cultivating. The rake for leveling, raking and cultivating the crops while they are small; the scuffle hoe for breaking the soil, which may become hard from rain, baking or stamping; the two cultivator teeth for making small furrows, deep cultivating, etc. Price $4.25.

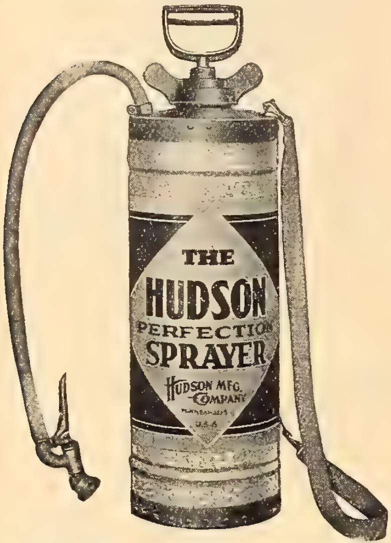
ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Parcel Post Rates, see Page 2

Do You Buy Satisfaction or Just Sprayers?

"Perfection" Sprayer

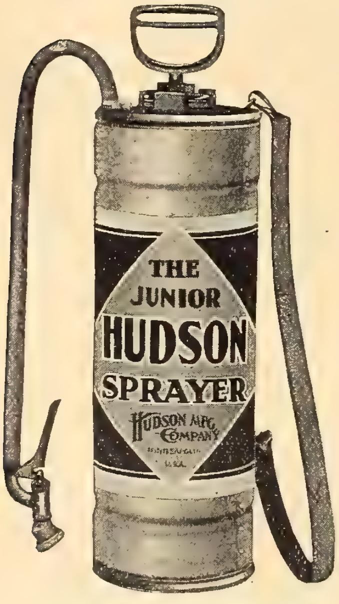
Highest Priced Sprayer in the World—and Worth It



For spraying, disinfecting or whitewashing on plants, bushes, vines etc.

Made of heavier metal, with fewer parts, stronger in construction, more powerful in action. Tank 7½ in. x 20 in., lock seated with 24 rivets. Hose attached with clamps. All furnished with automatic shut-off nozzles. Made of galvanized steel or solid brass. Price, galvanized steel, $6.50. Price, brass, $10.00. Perfection Nozzle, complete, $1.50. With hose $2.15. Extension Rod, 40c.

Hudson Junior Sprayer

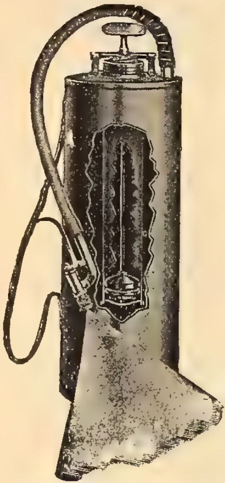


The Hudson Junior is a high pressure compressed air sprayer. It is designed especially for the Farmer and Gardener, or any one having a few fruit trees, ornamental shrubs, rose bushes, or a vegetable garden which requires spraying. It will do the work just as thoroughly as any larger power outfit, as it has all the necessary features to produce the best results.

It is equipped with special spray hose built to withstand high pressures, and our "Perfection" automatic shut-off nozzle. An extension may be used with it if desired.

Capacity about 2½ gallons. Shipping weight 8 pounds. No. 140-G. Junior with galvanized tank. Price each, $5.00.

The Auto-Spray Pump



A Self-Operating or Automatic Sprayer.

Length of Cylinder, 21 in.; weight, loaded 39 pounds; diameter of cylinder, 7 in.; capacity, about 4 gallons; weight, empty, 7 lbs. Extension pipes extra.

Auto-Spray No. 1G. Galvanized Reservoir. Stop Cock. Price $6.00.

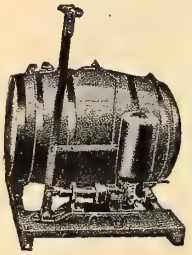
Auto-Spray No. 1D. Galvanized Reservoir. Auto-Pop Nozzle. Price $6.50.

Auto-Spray No. 1A. Brass Reservoir. Stop Cock. Price $9.00.

Auto-Spray No. 1B. Brass Reservoir. Auto-Pop Nozzle. Price $9.50. Auto-Pop Nozzle, with hose and fittings, $2.25.

Extension Pipe, 2 ft., Brass, 50c. Brass Elbow Extension, 35c. Double Row Attachment, $1.50. Brass Strainer, $1.20. Mailing weight, 17 lbs.

"Iron Age" Horizontal Barrel Sprayers



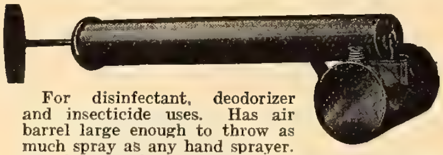
No. 190. This Sprayer will not tip over on hillsides, where many orchards are set. Note how barrel and pump are mounted and the barrel held in place by adjustable hoops. It holds 50 gallons. Can be used in any wagon, cart or sled. One horse can pull it.

No corrosion, solution touches brass parts only, all parts easy to get at, and decent to handle.

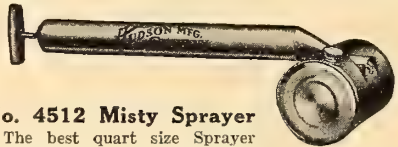
The pump is single-acting—always reliable and easy working.

Price $32.00.

Little Wonder Special Hand Spray



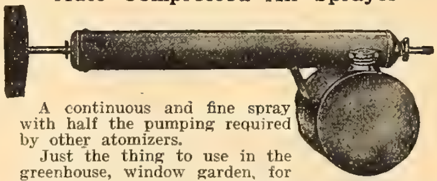
For disinfectant, deodorizer and insecticide uses. Has air barrel large enough to throw as much spray as any hand sprayer. Has liquid tube carefully located and protected. Has a drip cup with finished edges. Has lock seams and tank tested by 20-pound air pressure. Capacity 1 pt. Mailing weight 3 lbs. Price 40c.



No. 4512 Misty Sprayer

The best quart size Sprayer made, and one that is a universal favorite. Construction is the very best. Price 45c.

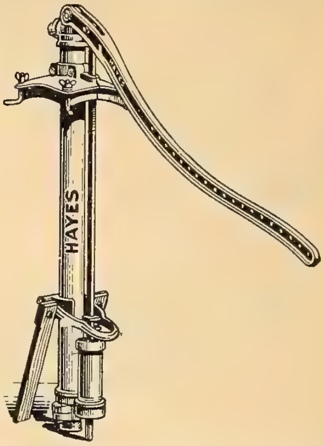
Auto Compressed Air Sprayer



A continuous and fine spray with half the pumping required by other atomizers.

Just the thing to use in the greenhouse, window garden, for rose bushes and in the poultry house; will handle all solutions, insecticides and disinfectants. Made throughout of stout material. Copper syphon tube, bronze ball valve plunger, rod ¼-inch copper plated steel. The solution does not come in contact with the pump cylinder. The spray may be adjusted by a slight turn of nozzle cap. Tin Pump and brass tank. Price $1.50. Mailing weight, 3 lbs.

Hayes Hand Barrel Spray Pump without Barrel



This pump represents all that is best in hand spray pump construction. Designed with powerful leverage it is easy working and capable of developing 150 lbs. pressure without tiresome pumping. All working parts including cylinder, valves, valve seats, spring expander and strainer are brass or bronze so that no part is subject to the corrosive action of spraying solutions. It is built for continuous service, year after year, with the minimum of attention and repair.

It has a universal plate which allows it to be mounted on either the closed end or side of barrel.

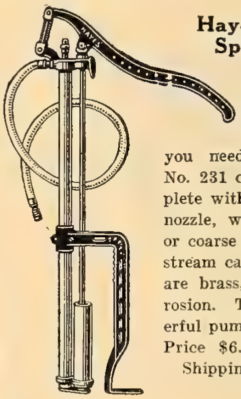
No.	Description	Shipping Weight	Price
1821	Pump No. 182, 2-inch cylinder, 2¼-inch air chamber	38 Lbs.	$14.25
182	Pump only	33½ Lbs.	10.50

Equipment on 1821. 12½ ft. ½-inch 5-ply spray hose, couplings, clamps and Hayes Disc Nozzle.

With barrel add $7.25, with 8-inch extension add 80c, with pressure guage add $4.25.

Prices on larger size Hayes Barrel and Power Sprayers on request.

Hayes Hand Bucket Sprayer, No. 231

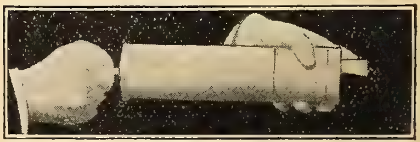


If you grow anything, whether for profit or pleasure, you need a bucket sprayer. No. 231 consists of pump complete with hose and small disk nozzle, with the disk for fine or coarse spray and extra solid stream cap. All working parts are brass, not subject to corrosion. This is the most powerful pump of the bucket type. Price $6.00.

Shipping weight, 9 lbs.

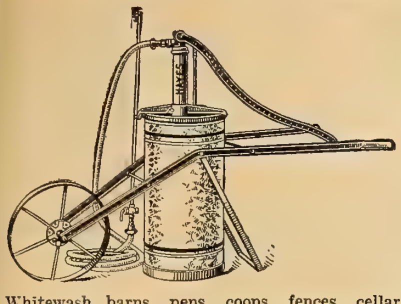
The Feeny Model B Duster—The Best Duster Made

The Model B is always ready to pick up and use—so clean that you may do your dusting with your good clothes on. Your Garden, Flowers, Fruit, Bushes, etc., will not suffer from insect pests if you have a Model B Duster handy—it does not have to be cleaned after use. You simply use it, lay it aside and pick it up all ready for use the next time. It is so easy, clean and convenient that it is really fascinating to use the Model B Duster. Price 95c.



Here It Is

No. 1721 F. Hayes Wheelbarrow Sprayer



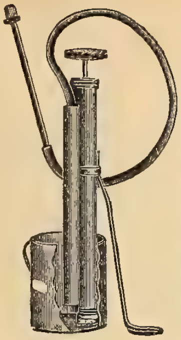
This handy portable outfit is especially designed for small orchards, truck gardens, greenhouses, estates, public parks and general farm, home and garden work. Goes anywhere like a wheelbarrow, through narrow openings and between narrow row crops.

Most powerful and easiest working hand pump made. 150 to 250 lbs. pressure with little effort. Just look at the number of things you can do. Spray orchard trees, bushes, vines. Spray potatoes, garden crops. Whitewash barns, pens, coops, fences, cellars, trees. Disinfect stables, sheds, yards and poultry house. Its many uses plant it well at the top of profitable farm equipment.

SPECIFICATIONS

Cart. All steel, strongly cross braced. Steel wheel 16-inch, 2-inch tire. Folding brace steadies pump.
Tank. 12½ gals. heavy galvanized steel banded.
Pump. Cylinder 2-inch, 2¼-inch air chamber.
Equipment. 12½-foot section Hayes 5-ply ½-inch spray hose, with fittings; 8-foot steel extension with leakless stop cock, one Hayes Vermorel Nozzle. Shipping weight, 75½ lbs. Price $24.00.

No. 28 Whitewash Sprayer and Force Pump



No. 28. Whitewash Sprayer and Force Pump is designed for use in pail or bucket, and will fit any size. The pump is made of galvanized iron. The top and bottom are made of brass. It is regularly equipped with 3 feet of best hose, 1-foot brass extension rod and a brass nozzle, which will give two different sizes of sprays. It has ball valves and steel foot rest. The pump is provided with an overflow, which carries all the liquid which might get above the plunger back into the pail. The plunger is easily removed and easy to operate, due to double action. Made with large air chamber. The pressure being held in the air chamber and on the nozzle enables the operator to throw a continuous spray, which is not affected by the movement of the plunger.

Much more work can be done with this pump in a day than can be done with a brush. The force with which the material is applied causes it to penetrate the small crevices, making a perfect job. Price $3.00.

Orchard Brand Insecticides

"Orchard Brand" Lime Sulphur Solution

For Use in the Dormant Period

This material combines the great fungicidal properties of Sulphur with the Scale remedy and is especially recommended for Peach and Plum trees, which need the combined treatment in the Fall and Spring. In spraying this material care should be exercised to avoid getting it in the eyes, and gloves should protect the hands

Add 10 parts cold water to one part of Lime Sulphur solution and stir thoroughly. Apply with spray pump.

1-Gal. can	90c	½ Bbl., per gal.	24c
5-Gal. can	$3.60	Bbl., per gal.	20c
10-Gal. can	$5.95		

Bbls. extra at $2.00 each and returnable at same price F. O. B. shippers station before August 1st, 1922, if returned in good condition.

Orchard Brand Arsenate of Lead (Paste)

Kills Coddling Moth, Worms, Curculio, Caterpillars, Potato Bugs, Rose Bugs and all chewing insects without injury to foliage or buds. Directions: For all chewing insects, use 2 to 4 ounces to a gallon of water. Add water slowly till rubbed to a thin paste before adding to the volume of water.

1-Lb. package, per Lb.	36c	25-Lb. package, per Lb.	23c
5-Lb. package, per Lb.	30c	50-Lb. package, per Lb.	22c
10-Lb. package, per Lb.	26c	100-Lb. package or 300-Lb. Bbl., per Lb.	19c

Orchard Brand Bordeaux Mixture Powder

Recommended for Rust, Scab and all kinds of Rot and other fungous diseases. This is a distinctive product, possessing a peculiarly fine physical structure, manufactured according to a special process with a view to insuring good adhesive properties. It contains not less than 33.49 per cent copper hydroxide, equivalent to 21.82 per cent metallic copper. As it is in a dry form, it is preferable to the paste because it is more stable, easier to handle, may be more accurately weighed out, is less wasteful and consequently is more economical in general use. Directions: 3½ to 6 lbs. to 50 gals. of water according to strength desired.

1-Lb. package, per Lb.	41c	25-Lb. package, per lb.	29c
5-Lb. package, per Lb.	36c	50-Lb. package, per Lb.	27c
10-Lb. package, per Lb.	32c	100-Lb. package, per Lb.	26c

Orchard Brand Bordeaux Arsenate Lead Powder

A combined Fungicide and Insecticide. This is a combination of our Bordeaux mixture and arsenate of lead in dry form. It contains not less than 24.1 per cent copper hydroxide, equivalent to 15.7 per cent metallic copper and not less than 30 per cent lead arsenate. It is preferable to the paste form because it is more stable, easier to handle, may be more easily weighed out and is generally more convenient and economical to handle. Directions: 5 to 8¼ lbs. to 50 gals. of water according to strength desired.

1-Lb. package, per Lb.	47c	25-Lb. package, per Lb.	34c
5-Lb. package, per Lb.	41c	50-Lb. package, per Lb.	33c
10-Lb. package, per Lb.	37c	100-Lb. package, per Lb.	30c

Dry Powder Arsenate of Lead

One pound of Dry Arsenate of Lead equals three pounds of any paste Arsenate of Lead. It mixes with water more readily than any other Arsenate of Lead. Stays in suspension better, covers more thoroughly and sticks on the foliage longer; no lumps, no sediment, no waste; simpler, cleaner and better in every particular. Easily prepared for the spray tank. Price: 1 Lb. 43c. 5 Lbs. 38c Lb. 10 Lbs. 34c Lb. 25 Lbs. 31c Lb. 50 Lbs. 29c Lb. 100 Lbs. 27c Lb.

Arsenite of Zinc, Powder

This is a dry powder containing not less than 30 per cent metallic arsenic, equivalent to 40 per cent arsenious oxide. It is convenient to handle, economical to use and equally as effective when used in dry or liquid applications. Owing to its quick killing properties, adhesiveness and freedom from injurious effects, it is recognized as the best material for killing potato bugs, asparagus beetle and some other insect pests on truck crops. Price: 1 Lb. 51c. 5 Lbs. 46c Lb. 10 Lbs. 41c Lb. 25 Lbs. 39c. Lb. 50 Lbs. 37c Lb. 100 Lbs. 34c Lb.

B. T. S.

This is a dry barium sulphur compound in a granular crystalline form, readily soluble in cold water.

It can be used for dormant spraying of all fruit trees and in the growing period may be used on apple trees the same as lime-sulphur solution. Like the solution it should not be used in the growing period on peach or other stone fruits.

A 100-Lb. keg of B. T. S. is equivalent to a 50-gallon barrel of lime-sulphur solution weighing about 600 lbs.

The advantage in having a dry product like B. T. S., which reduces the bulk and weight of material to be handled and dispenses with leakage, will be appreciated by all fruit growers. Price: 1 Lb. 30c. 5 Lbs. 23c Lb. 10 Lbs. 19c Lb. 25 Lbs. 16c Lb. 50 Lbs. 14c Lb. 100 Lbs. 12c Lb.

Atomic Sulphur

This is a yellowish paste, containing not less than 45 per cent of sulphur in a paste form. The finely divided condition of the sulphur makes it one of the best fungicides available for the control of certain diseases, such as scab and brown rot of the peach and other stone fruits, scab and mildew of apple and some of the rust diseases. Price: 1 Lb. 30c. 5 Lbs. 23c Lb. 10 Lbs. 19c Lb. 25 Lbs. 16c Lb. 50 Lbs. 14c Lb. 100 Lbs. 12c Lb.

Blue Stone

Crystal Copper Sulphate 99 Per Cent Pure

Price: 1 Lb. 11c. 25 Lbs. 10c Lb. 50 Lbs. 9c Lb. 100 Lbs. 8c Lb.

Commercial Flour Sulphur

99½ Per Cent Pure

Price: 1 Lb. 5c. 25 Lbs. 4c Lb. 150-Lb. bag $4.50. 300 Lb. Bbl. $9.25.

Send for Booklet containing Spraying Schedules and directions for using Orchard Brand Spray Materials.

"SAFETY FIRST"

"It's no use! They're sprayed with Pyrox."

ALL PRICES F. O. B. BALTIMORE. SUBJECT TO CHANGE WITHOUT NOTICE

Pyrox

TRADE MARK REGISTERED

1 lb
Bowker's
Pyrox

The great combined insecticide and fungicide.

The loss caused by insects on fruit and truck crops in this country each year is over $100,000,000.

The damage done by fungous diseases in this country each year is estimated to be fully as great as that done by insects.

Pyrox kills all leaf chewing insects and at the same time protects the crop against all fungous diseases.

Pyrox is used for spraying fruit trees, potato and tomato vines, cucumbers, melons, celery, peppers, egg plants, squashes, cabbage, sweet potatoes, beans, asparagus, corn, shrubs and flowers. It is particularly valuable for tomatoes, invigorating the vine and killing the worms. It kills apple worms and potato bugs, codling moths and all other chewing insects, prevents fungous diseases such as apple scab, potato blight and bitter rot; it sticks to and protects the foliage in spite of heavy rains; it is smooth and fine, goes through the finest nozzle, thus going further and doing more effective work.

Pyrox keeps the foliage healthy and green throughout the growing season; gives it greater vigor and enables your vegetable plants and fruit trees to produce to their very limit.

Spray Early. It is important that remedies to kill blight and bugs be applied before the bugs or blight show themselves. The great secret is to begin early. Prepare for them in advance. Do not wait until the vines are covered with bugs or show blight before applying the remedy.

You haven't time to take chances. Spray your fruits, vegetables and potatoes with Pyrox and know that your crops are safe from insects, bugs, scab, blight and rot.

Pyrox is first and last for the practical grower. For nineteen years it has stood the test of practical every-day use by practical every-day men.

Pyrox is all ready to use by simply mixing with cold water. It is so smooth and fine that it goes through the finest spray nozzles without clogging. It can be sprayed as fine as fog. It goes farther and does better work.

It sticks like paint. It stays on for weeks. Respraying is necessary only to cover new growth. It gives thorough protection during rainy weather when insects and disease do their deadliest work.

Prices: 1 Lb. 40c. 5 Lbs. $1.50. 10 Lbs. $2.50. 25 Lbs. $5.75. 50 Lbs. $10.00. 100 Lbs. $18.00. 300 Lbs. $51.00.

KAYLOX

Insecticide and Fungicide

(Two Sprayings at One Operation)

Can Be Used for Dusting as Well as Spraying

KAYLOX is a Powder Not a Paste

KAYLOX is adapted for spraying for late broods of Codling Moth on Apples, for Potato Beetles, most Caterpillars and many Leaf-eating Insects on fruits and other trees, Tomatoes, Grapes, Currents, Celery, Cabbage, Cauliflower and many other plants.

A preventive of many blights and certain fungous diseases.

Used as a general spray—1 pound to 10 gallons or 5 pounds to 50 gallons of water.

For Potatoes, Bitter Rot and Blotch on Apples. Use 1 pound to 7½ gallons or 6½ to 7 pounds to 50 gallons of water.

Not to be used for late Spring or early Summer application on Apples and not to be used on Peaches or Japanese Plums. Price: ½ Lb. 35c. 1 Lb. 65c. 5 Lbs. $2.75. 10 Lbs. $4.70. 25 Lbs. $11.00. 50 Lbs. $21.00. 100 Lbs. $40.00.

Bug Death

Bug Death kills Potato, Squash and Cucumber Bugs; Currant and Tomato Worms, and all Bugs and Worms that chew the leaves of the plants; non-poisonous. Directions for applying dry: For Potato and other vines which require a top application, apply dry with a shaker or sifter, or powder spray at the rate of 15 to 25 pounds per acre to an application, according to size and condition of the vines. Directions for using in water: Add 15 to 20 pounds to 80 gallons of water and mix thoroughly. 1-Lb. package 15c. 3-Lb. package 40c. 5-Lb. package 55c. 12½-Lb. package $1.25. 100-Lb. package $8.00.

Slug Shot (Hammond's)

5-lb BAG
FOR BUGS AND BLIGHT
HAMMOND'S SLUG-SHOT
KILLS INSECTS SAVES FOLIAGE

A light, non-poisonous composite fine powder for killing Potato Bugs, Currant and Cabbage Worms, Chicken Lice, Sow Bugs, Green and Black Fly, Beetles and Caterpillars. Not injurious or dangerous to persons or animals. Easily distributed by duster bellows, or in water by spraying. Ten to 40 pounds sufficient for an acre. 1-Lb. package 15c. 5-Lb. package 45c.

Paris Green

The chief merit of this article is the destruction of the Potato Bug. It may be used in liquid form, 1 pound in 50 gallons of water, or with Land Plaster at the rate of 1 pounds Paris Green to 100 pounds Land Plaster.

Owing to the uncertainty of the market we are unable to quote positive prices, but will furnish prices on application.

Lemon Oil Company's "Standard" Insecticide

Perfectly safe and harmless to the tenderest foliage and roots. It effectually destroys Mealy Bugs by syringing or dipping. It also destroys Scales, Thrip, Red Spider, Black and Green Fly, Caterpillar, American Blight, Mildew, etc. Dilute with 50 parts of water. ½ Pt. 35c. Pt. 60c. Qt. $1.00. ½ Gal. $1.75. Gal. $3.00.

Nikoteen

NIKOTEEN
APHIS PUNK

Roses, flowers, shrubs and plants of every kind when sprayed with a prepared bath of NIKOTEEN will brighten at once. The beneficial effect can hardly be exaggerated. If the NIKOTEEN is used at all carefully, IF PROPERLY DILUTED, most of the life-sucking plant lice are killed; spraying should be done early in the year and while the insects and the plants are young. Delay means a multiple of the original few and a harder fight ahead. Price: 1 Oz. 30c. 1¾ Oz. 45c. ½ Lb. $1.20.

"Black Leaf 40"

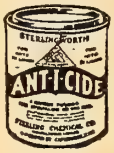
"Black Leaf 40" is Truly a "Contact" Insecticide

The "sucking" insects feed by inserting their sharp, slender beaks into the interior of the leaf, blossoms, etc. They cannot eat plant tissue, and, therefore, cannot eat poisons, hence must be destroyed with a preparation which kills by coming in contact with their bodies—in other words, by a "contact" insecticide. The most common sucking insects, with soft bodies, are the aphids (plant lice), thrips and leaf hoppers. They may be effectively controlled with "Black Leaf 40," a concentrated solution of nicotine sulphate guaranteed to contain 40 per cent of nicotine by weight. 1 Oz. 35c. ½ Lb. $2.25. 2 Lbs. $3.75. 10 Lbs. $15.50.

Target Brand Weed Killer

Destroys Weeds, Grass, Poison Ivy, Sumac and all kinds of undesirable vegetation. An application of this will keep drives, walks and tennis courts absolutely free from vegetable growths. Target Brand Weed Killer is a liquid which is to be diluted in water. It can be applied with an ordinary sprinkler or watering pot. Mix one part to 49 parts of water. 1-Qt. can 70c. 1 Gal. $1.75. 5 Gals. $7.00. Bbl., 50 gals., $47.50.

Ant-i-cide



For Use Against Ants in Lawns

They are a persistent pest. It is impossible to harbor them and have a good lawn. Either give up the lawn or the ants. If you prefer the lawn, try **Ant-i-cide.** It is a powder to be sprinkled on the ground. One pound covers about 200 square feet. **Guaranteed to give satisfaction or money refunded.** Price: 1-Lb. box 25c.

Aphis Punk, For Fumigating

Specially prepared for Greenhouses and Conservatories. It vaporizes the Nicotine economically and evenly. Nothing keeps a house free from Aphis, Thrip and other plant parasites so thoroughly and cheaply.

Price: 1 doz. sheets in airtight package, 80c.

Powdered Tobacco

STERLINGWORTH
POWDERED TOBACCO

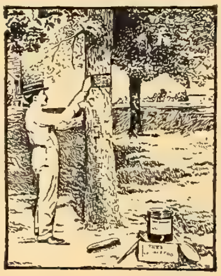
For Green and Black Aphis, Fleas, Beetles, etc. Splendid fertilizer and preventative for insects in the ground and around the roots. For insects on plants apply with powder duster or bellows. For Worms or Grubs in the soil, apply liberally to the surface and rake in or strew thickly in the drills before planting. Per Lb. 20c.

Tobacco Stems

Indispensable for fumigating greenhouses and conservatories for the destruction of Green and Black Aphis and other insects. Dampen thoroughly a few hours before using, place about a half pound over a handful of shavings in a fumigator and light. Also for covering lawns during Winter. It not only acts as a protector, but imparts large quantities of ammonia and drives away insects and moles. 5c Lb. Large quantities, 50 Lb., 3c a Lb.

Powdered White Hellebore

Less poisonous than Paris Green and safer to use when fruit or vegetables are nearly ripe. ¼ Lb. 15c. ½ Lb. 25c. 1 Lb. 48c.



Tree Tanglefoot

For protecting trees against climbing insect pests in a simple, economical and effective way. Tree Tanglefoot, a sticky substance applied directly to the bark of the tree. One application remains sticky on the trees three months fully exposed to weather. Easily applied with small wooden paddle. One pound will spread 8 feet long by 5 inches wide, 1-16 inch thick. 1-Lb. can 45c. 5-Lb. can $2.15. 10-Lb. can $3.85.

STERLINGWORTH
WHALE OIL SOAP
WITH TOBACCO
Sterling Chemical Company

Whale Oil and Tobacco Soap

Makes an elegant wash for trees and plants where insect and eggs affect the bark. For plant lice, oyster shell and San Jose Scale. For April or May spraying for scale or when buds are breaking use 1 lb. to 5 gals. of water. Do not spray when in bloom. 1 Lb. 30c.

STERLINGWORTH
CUT WORM KILLER

Cutworm Killer

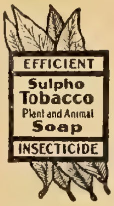
A coarse powder for sprinkling in proximity to the vegetation to be protected. 1 Lb. box 25c.

MELROSINE
IT KILLS ROSE BUGS

Why Raise Roses to Feed Bugs

Melrosine—the only remedy—endorsed by leading authorities. The GENERAL CONTACT INSECTICIDE that KILLS ROSEBUGS and other insects. Used with any good spray-pump, diluted with from 20 to 25 parts of water. Pleasant and harmless to use. Guaranteed effective when used according to direction on can. Gal. $6.00. ½ Gal. $3.25. Qt. $1.75. Pt. $1.00. Trial Size, 50c. By mail or express at customer's expense. Descriptive booklet on request.

Melrosine—It Kills Rosebugs



Sulpho Tobacco Soap

An excellent article for the person with a few plants. Especially good for destroying scale on palms and other plants. Soluble in warm water. Per 3-oz. package 7c; postage 2c. 15c per 8-oz. package; postage 4c.

Dethol

Insecticide—Moth Preventive—Disinfectant—Deodorant

Dethol is an efficient insecticide that quickly kills and rids premises of such pests as flies, mosquitoes, roaches, bed bugs, ants and water bugs. Spray Dethol around windows and keep out flies and mosquitoes. When bothered with roaches, ants and other bugs, Dethol sprayed on infested places will quickly draw out these pests and a few more applications will kill them instantly. Spray Dethol thoroughly and frequently everywhere in the bed room and on the bed if troubled with bed bugs. As a moth preventive, Dethol can be freely sprayed on clothing, rugs, draperies, etc., as it will not stain even the most delicate fabrics.

Spray it on refuse cans, in outhouses and in damp cellars where foul odors are likely to arise, and it will quickly neutralize and do away with all such offensive odors.

Do not spray Dethol on or near growing plants. Price: Pt. 50c. Qt. 90c. Gal. $2.75.

So-Bos-So Kilfly

Keeps the Flies Away from the Cow

Increases Milk Production Over 20 Per Cent

DON'T let your cows suffer from the torture of flies. When their energy is used to switch the flies from their backs they cannot give the maximum amount of milk. It makes them irritated and run down.

Spray the cow twice a day with SO-BOS-SO KILFLY and the flies will not bother the cows while milking or while in the pasture. Not injurious to skin. Will not gum the hair. Positive protection. Is the most effective preventive against the torture of flies known to chemical science. Has been used for over 17 years in the United States and foreign countries.

SO-BOS-SO
TRADE KILFLY MARK

MANY USES FOR SO-BOS-SO KILFLY

1. Spraying cows, horses and other stock in flytime.

2. Used in pig pens, poultry houses, etc.—gets rid of lice and vermin.

3. A thorough disinfectant.

Economical because when thoroughly sprayed into crevices it lasts several months.

4. Sprayed in the barn and yard, it kills breeding flies and mosquito larvae. Kills the stench of rotting vegetable matter and manure.

So-Bos-So Kilfly

Will banish the fly evil from your cattle and horse stables. Let the animals live and work in comfort. Remove their greatest Summer dread.

Spray your animals with this fly preventive twice a day during the fly season and they will not be bothered with flies. They will work and milk better because their energy will not be wasted on the pesky flies.

FOR HORSES. You can spray the horses while at work and they will respond with more and better work. Their energy, like the cow's, is wasted in Summer months with the constant fly switching. Conserve this energy and note the difference in the amount of work that your horses are able to do.

Put up in gallon cans—enough for 200 cows or for one cow 100 days. 1 Qt. 50c. ½ Gal. 75c. Gal. $1.25.

Feed and Water Buckets

Made of heavy galvanized iron, which makes them durable.

Prices, 28 Gauge:

No. 310.	10-quart	60c each
No. 312.	12-quart	65c each
No. 314.	14-quart	70c each

Iron Strapped Blocks

6-inch single	90c each
8-inch, single	$1.50 each
8-inch, double	2.50 each
10-inch, single	2.25 each
10-inch, double	3.75 each

Storage Cans

Made of 24-gauge galvanized iron, top and bottom reinforced with 1¼-inch 14-gauge band iron.

These cans make serviceable, rat-proof grain bins. They can also be used for rubbish or garbage cans.

Price, $3.50 each.

Shipping weight, 20 lbs. each.

Our Hammers and Hatchets are Hand-Made and of Best Quality

Hammer has polished face and ball. Hatchet polished cutting edge only.

H. M. A. E. Nail Hammers, $1.10 each

No. 2. H. M. Half-Hatchets, $1.10 each

Mann's Superior Juniata

First quality welded steel handled ax. Painted red, full polished cutter.

Weights, 3½ to 6 lbs.

Handled	$1.75 each
Unhandled	1.25 each

Refrigerator Pans

Galvanized, durable and lasting. Prices 60c and $1.00.

ALL GALVANIZED WIRE PRICES SUBJECT TO CHANGE WITHOUT NOTICE

"Square-Deal" Ornamental Gates

Our "Square-Deal" Ornamental Gates are made to match our "Square-Deal" Ornamental Lawn Fence. The frames are made of best grade 1⅛-inch O. D. tubular steel. All "Square-Deal" Ornamental Gates are equipped with scroll top and spring latch. The fabric in all "Square-Deal" Ornamental Gates are made especially to fit the frame of the gate. There are no sharp ends projecting, and each filler is a complete piece of fabric in itself.

Price of Ornamental Walk Gates

Height	Width	Price, Each
36, 42 or 48 inches	3 feet	$3.85
36, 42 or 48 inches	3½ feet	4.20

"Square-Deal" Ornamental Lawn Fence

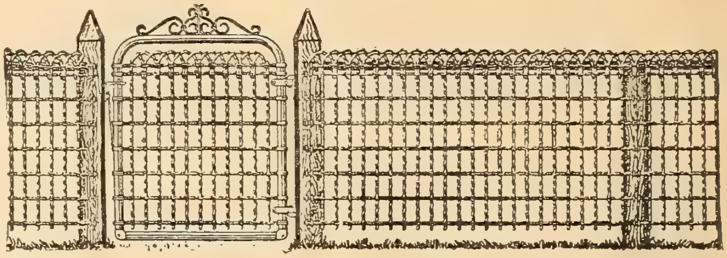
Style 600 Fabric

Specifications

Upright or picket wires are No. 9 heavily galvanized, spaced 2⅞ inches apart at top, with an additional No. 9 galvanized picket interwoven, so as to give an extra close spacing of 1⅜ inches at the bottom.

Cabled line wires are No. 12½, spaced 6 inches apart, except the two top cables, which are spaced 2⅜ inches apart.

Height of fabric	36 inches	42 inches	48 inches
Number of cables	7	8	9
Price per lineal foot	20c	22c	26c



Put up in 20-rod rolls. Full rolls 10 per cent discount.

The extra pickets at bottom of fabric engage the lower cables as follows: 36-inch and 42-inch, four cables; 48-inch, five cables.

National Poultry and Garden Fence

Stay Wire Six Inches Apart

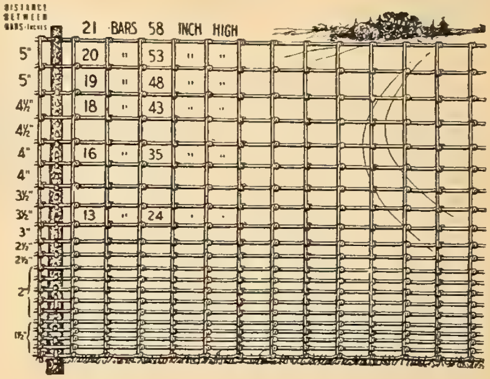
Furnished in Ten Rod Rolls. Prices F. O. B. Baltimore, Md.

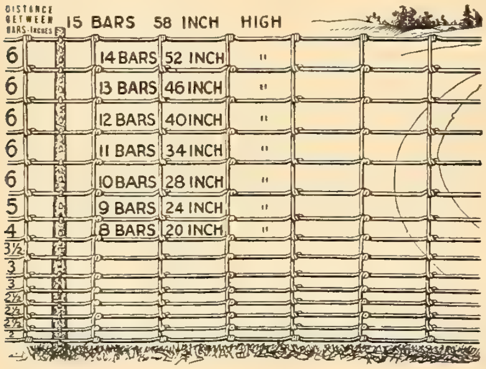
Top or bottom boards are not required with this Poultry Fence. The heavy top and bottom wires and the close spacing make the fence rigid and easy to stretch.

The illustrated cut at the right shows the National Poultry and Garden Fence, giving the inches of spacing, the number of bars and the heights. We carry in stock the three most popular heights, as listed below. The National Poultry and Garden Fence makes an ideal fence against poultry and all small animals. The spacing (as per illustration) is graduated from 1½ inches at the bottom to 5 inches at the top. The distances between the stay wires is 6 inches.

Furnished in rolls of 10 rods each, or 165 lineal feet, at 10 per cent discount from prices listed below.

Style No.	Distance Between Stays	Height, Inches	Number of Bars	Approximate Weight per Rod	List Price per Rod	Our Price per Rod
2158	6	58	21	10.8	$1.49	$1.00
1948	6	48	19	9.7	1.33	.88
1635	6	35	16	8.0	1.10	.75





National Close Mesh Hog and Cattle Fence

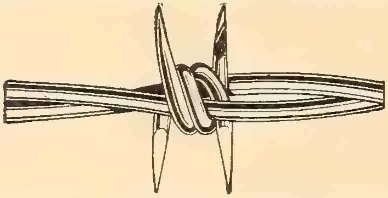
Made Especially for the Southern Trade. Stay Wires are 12 Inches Apart

Furnished in 20-Rod Rolls, at 10 Per Cent Discount from Prices Listed Below

The illustrated cut at the left shows the National Close Mesh Hog and Cattle Fence, giving the inches of spacing, the number of bars and the heights. We carry in stock the two most popular heights, as listed below. The spacing is graduated from 2 inches at the bottom to 6 inches at the top, as shown in the illustration. All prices on Wire F. O. B. Baltimore, Md., and subject to change without notice.

Style No.	Number of Horizontal Wires	Height in Inches	Approximate Weight per Rod	List Price per Rod	Our Price per Rod
1346	13	46	9.3	$1.07	50c
1134	11	34	7.8	.90	45c

National Hog and Cattle Barbed Wire



There is always a heavy demand for a good Barbed Wire. We carry in stock the Four-Point only.

Four-Point Hog Barbed Wire	5½c per lb.
Four-Point Cattle Barbed Wire	5½c per lb.

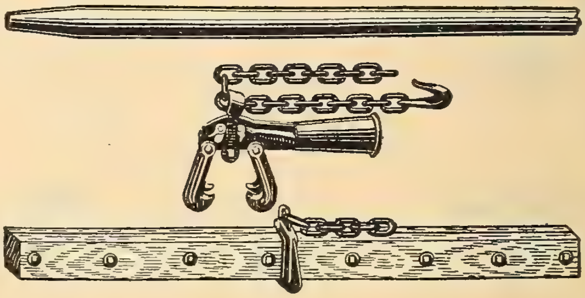
Hardware Cloth

For lining corn cribs, to circle around brooders for newly hatched chicks. Put up in rolls of 100 feet.

12-inch, 100 square feet	$6.50
18-inch, 150 square feet	9.75
24-inch, 200 square feet	12.75
30-inch, 250 square feet	15.95
36-inch, 300 square feet	19.00
48-inch, 400 square feet	25.50

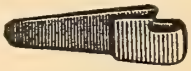
10 per cent discount from prices listed above on full rolls.

The Lott Stretcher



This Stretcher is operated by a long lever, and can be used singly, pulling from center of clamp, or in pairs, pulling from top and bottom. All stretching chains are 8 feet in length. We do not furnish levers.

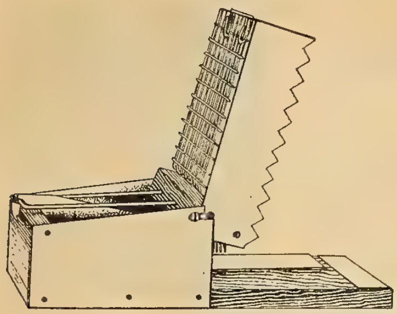
Our Special Price, $6.50.



American Splicer

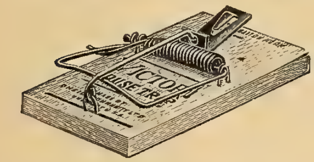
Per dozen 75c

The Faultless Rat Killer



Deceives the most cunning and wary animal by holding baits out in the most deceiving and tempting manner. Kills instantly without a squeal to warn or attract its mates, enabling you to repeat the performance every few minutes. A child can work it. This is the best trap we have ever handled. Every sale is followed with a repeat order. Price 50c each.

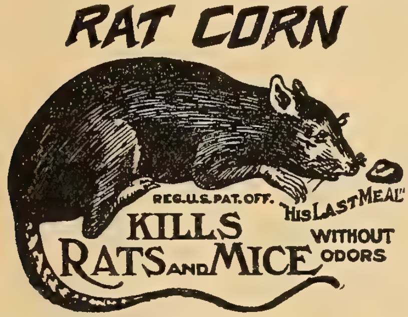
Victor Mice and Rat Traps



For Mice, three for 10c.
Rats, 10c each, three for 25c.

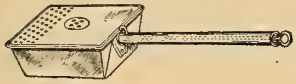
Barium Carbonate

A sure rat exterminator. The poison that has rid Baltimore and other large cities of rats. 25c per box, $2.75 doz.



Small trial size package	25c
Medium size package	50c

"Delphos" Improved Sheet Iron Corn Popper



Why Better Than Others

First—Has all merits of other poppers.

Second—Patent "Delphos" tinned wire rod operating cover device, running through sheet metal handle, opens and closes cover, preventing finger burns.

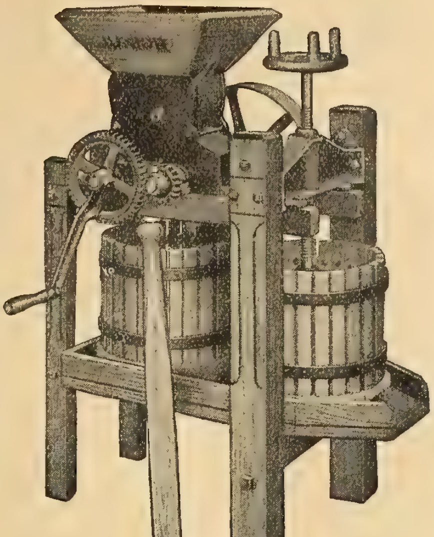
Third—Improved sunken butter drainer in cover of pan.

Fourth—Perforated cover for shaking out unpopped grains.

Fifth—Handsome embossed cover and improved general construction.

Price 35c each.

Red Cross Cider Mills



The Junior and Medium

These mills have no superior at any price, in design, ease of operation or appearance. The frame is made of maple and finished in natural wood color. The press-screw is of steel, with accurately cut threads, and operates through a heavy cast-iron crosshead.

The Junior and the Medium are similar in construction, the Medium being a larger and heavier mill. Each is fitted with a heavy pulley, 15 inches in diameter, and this may be driven with a 2½-inch belt from a small gasoline engine. These sizes are usually operated by hand, and the pulley, which weighs 20 pounds, serves as a very effective balance wheel.

The Junior weighs 180 pounds and has a capacity of 2 to 4 barrels of cider per day.

The Medium weighs 235 pounds and has a capacity of 3 to 6 barrels of cider per day.

The Senior

The Senior is of the same general design as the Junior and Medium, but is larger and is operated by power or by two cranks, which are furnished with the mill.

The Senior has a capacity of 6 to 12 barrels of cider per day, and weighs 341 pounds.

The Force Feed Cider Mill

This mill should not be confused with other single-tub mills of the Hutchinson type, which will only grind apples that have been halved or quartered. We guarantee this machine to handle all sizes of apples without clogging or being forced.

The Force Feed weighs 130 pounds and has a capacity of 1 to 2 barrels of cider per day.

Impossible to make prices at the time this catalog went to press. Please write for prices and descriptive folder.

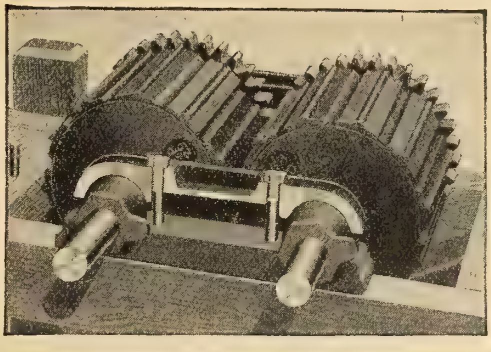
The Bearings

An exclusive feature of our mills is the type of bearings used. These are eccentric and self-aligning. By reference to the sectional view below a clear idea may be had of their operation. The distance between the rollers is varied by revolving the eccentric boxes. The hole through this box is bored off center in the direction of the pointer. If it is desired to move the rollers closer together, these lugs, or pointers, are turned toward each other.

A great advantage is gained over the old eccentric bolt by using our self-aligning feature, by means of which the box is free to turn in any direction. The old style will bind unless the shafts are absolutely parallel and at right angles to the bearings. Our boxes do not bind in any position.

The bearing box has a large cavity in the center surrounding the shaft and this cavity is packed with a good grade of grease before the mills leave the factory. This makes it unnecessary to oil the bearings during the first season.

No Other Cider Mill Has These Features



Showing Bearings of Our Cider Mills

What Users Think of Red Cross Cider Mills

G. P. Simmons, Herkimer, N. Y., writes:—"The Red Cross Cider Mill has been tried out satisfactorily. It works even better than we had anticipated and the supply of juice after pressing is very gratifying. We think you are to be congratulated on its construction."

C. H. Quinn, 77 W. Main St., Rochester, N. Y., writes:—"Used the Red Cross Cider Mill with our 3½ H. P engine this fall with entire satisfaction. Made several barrels of cider. Regret did not order sooner, could have saved the price of mill three times over. Mill has been of service to several neighbors."

H. R. Knauss, Route 3, Ft. Cobb, Okla., writes:—"The Red Cross Cider Mill was one of the best investments I ever made. Made 283 gallons of cider, out of cull apples not saleable at any price, for which I received $204.14. Made cider during spare time only. It is a good mill and gave good satisfaction."

Glen Quear, R. F. D. No. 3, Bronson, Mich., writes:—"The Red Cross Cider Mill is O. K. Am well satisfied with it. Don't know how I could get along without one now. Mill is well put up and looks as though it would last for a good many years."

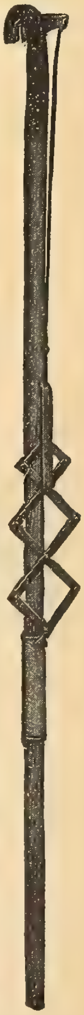
Iron Age Tree Pruner

This trimmer saves time because you operate it without letting go your hold. One hand holds the pole at the bottom and the other works the sliding galvanized iron grip.

Made after "lazy-tons" design that give more leverage than the cheaper constructed trimmers of similar type.

Tool steel shearing knife. Handles limbs up to ⅞ inch; in fact, anything that you can hook the tool over.

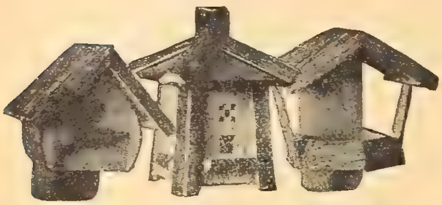
You cannot beat this trimmer at the price. Furnished in the following sizes: 8-foot, $1.80 each. 10-foot, $1.90 each. 12-foot, $2.00 each.



Iron Age Tree Pruner

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

ART SET



Bluebird No. 62 Wren No. 61 Robin No. 60
$1.65 Each. The Three for $4.75
Weight 9 pounds

Bolgiano's Bird Houses

KEEP YOUR BIRDS AT HOME

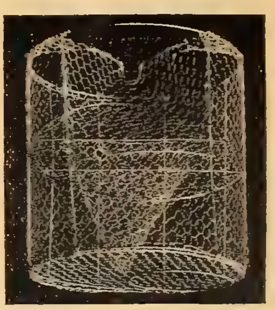
Great enthusiasm is now being shown in the protection of our native song birds; fewer birds migrate because the many bird friends are doing all in their power to keep the birds at home by placing feeding boxes and shelters conspicuously on their lawns and groves, to feed and shelter them from the Winter storms. In doing this you are furnishing food for the birds when it is impossible for them to find food from natural sources.

You understand birds are great insect destroyers; it is reported by the United States Department of Agriculture that Blue Birds, Robins, Black Capped Chickadee, House Wren, Brown Thrasher, Cat Birds, Barn Swallows, Towhee, Song Sparrows, Field Sparrows, Purple Grockle, Baltimore Oriole, Meadow Lark, Red Winged Blackbird, Bobolink, Blue Jay, Phoebe, Flickers, Red Headed Woodpeckers and Yellow Billed Cuckoo are all great insect destroyers. The Government has gone very extensively in their investigation, and on examining the stomach of the birds they have found the larger percentage of its contents to be insects, and many of these insects are giving the fruit growers the most trouble; had our birds been protected years ago, spraying would not be necessary today. From the Government investigation was learned another important truth, that birds feed on weed seed, and this is of great benefit to the American farmer, as it reduces the crop of weeds that oftentimes prove a destruction to crops in wet seasons.

Why should we neglect something so important and something that means so much to our welfare? Let us impress you to start now and use your best efforts to protect your birds and keep them at home.

Put up feeding boxes and feeding shelters. Keep plenty of feed in them. We can supply you with the many different varieties. Wild seeds make a good feed for the birds. If you want birds to have their home in the grove near your home. take advantage of the opportunity now and put up bird nest boxes. They will build their nests there in the Spring, thus making your home a source of pleasure with their morning songs. What is more beautiful than having all the trees filled with birds warbling their songs? Don't delay in putting up the bird box nest, as they locate their nest building early.

We wish we could make our words strong enough for you to understand that it is just as much profit for you to feed and care for the birds as it is to feed and look after your poultry. Write to the Department of Agriculture for Farmers' Bulletin No. 630. This will give you knowledge that will cause you to study the bird proposition and you will get busy in doing all you should to make your location a place for birds to dwell.



Crescent Sparrow Trap

Sparrows the Bolsheviki Among Birds

Some of their evil traits: Greedy in matter of food; mostly grain eaters. The few insects they eat do not balance their damage to grain and all sorts of garden crops. Never a song. Their quarrelsome noise and chatter is annoying.

They are certainly "Free Lovers," breaking up family life of Wrens and other small birds, even at times attacking Robins.

By parcel post, size 18 x 18 inches. Weight 9 pounds. Price $5.00 and post charges.

Prices Bolgiano's Rustic Bird Houses

WREN HOUSES—5 STYLES

Log Cabin, No. 11; Tepee, No. 12; Shack, No. 13; Bungalow, No. 61 and Slab, No. 23. $1.65 each; any three for $4.75. Add postage. Weight 4 pounds each.

BLUE BIRD HOUSES—2 STYLES

No. 21 and No. 62. $1.65 each. Add postage. Weight 4 pounds each.

WOODPECKER HOUSES

No. 25. $1.65. Weight 4 pounds. Postage extra.

ROBIN HOUSE, No. 60

$1.65. Weight 4 pounds. Postage extra.

COMBINATION WREN AND ROBIN HOUSE

No. 63. Wren with Robin pulpit. $2.00. Weight 5 pounds. Postage extra.

BRACKET WREN HOUSE, No. 17

"Jennie's Choice." Weight 3 pounds. $1.50. Postage extra.

HANGING BARREL WREN HOUSE, No. 50

English Sparrows do not trouble this swinging house. Price $1.50. Weight 3 pounds. Postage extra.

SWINGING HOUSE, No. 14

Suitable for either Wren or Blue Bird. Interchangeable. Price $2.00. Weight 4 pounds. Postage extra.

Valuable Books on the Farm and Garden

GARDEN GUIDE
THE AMATEUR GARDENER'S HANDBOOK

CARE OF PLANTS, Etc.

GARDEN GUIDE

THE AMATEUR GARDENER'S HANDBOOK

Tells how to plan, plant and maintain the home grounds, the suburban garden, the city lot; how to grow good vegetables and fruit; how to care for roses and other favorite flowers, hardy plants, trees, shrubs, lawns, porch plants and window boxes. Chapters on garden furniture and accessories, with useful rules and receipts, selected lists of plants, etc.

THE GARDEN GUIDE

Covers all of the above subjects fully; tells what to do and how to do it, from plowing up the ground to storing or canning the harvest. Written by gardening experts to meet the wants of the home gardener, who will find in it an answer to the 1001 questions that crop up season after season. The GARDEN GUIDE is the most practical book of its kind published.

Handsome four-color cover. 384 pages. 15 Planting Plans. 275 teaching illustrations. Price: Paper bound, $1.00 ($1.10 postpaid). Cloth bound, $1.50 ($1.65 postpaid).

HOME FRUIT GROWER

A practical guide to the growing of fruit for home use. It covers the entire subject of growth, cultivation, pruning and grafting. Very valuable. Paper bound, $1.00 ($1.10 postpaid). Cloth bound, $1.50 ($1.65 postpaid).

MILADY'S HOUSE PLANTS

To all women taking pleasure in the companionship of plants in the home and wishing to be made acquainted with the conditions essential to their well being, this instructive book, concisely written and easily understood, will make a strong appeal. 100 illustrations. 4 color cover. The chapter on "Sun Parlors as Plant Rooms" is a new departure. The subject is gone into minutely and this one chapter alone is worth many times the price asked for the book. Paper bound, 75c (80c postpaid). Cloth bound, $1.00 ($1.10 postpaid).

PLANT PROPAGATION

Second Edition Revised and Greatly Enlarged

This book is written to instruct the florist and gardener in knowing just how to propagate the plants he expects to grow without the necessity of consulting more voluminous or expensive works. Copiously illustrated with instructions readily understood. It makes clearer a thousand little points which the old edition touched upon. Cloth bound, $2.00 (postpaid $2.15).

LANDSCAPE GARDENING, PRACTICAL

A work containing practical and detailed information on subjects pertaining to the general landscape development of residential properties. Essential points illustrated by numerous sketches, plans and photographs. Cloth bound, $2.50 ($2.65 postpaid).

COMMERCIAL ROSE CULTURE (Second Edition)

By Eber Holmes. Completely revised and reset; new chapters added, and many new illustrations. 196 pages, with over 70 halftones from actual photographs. Pronounced by authorities as a model education book, giving in plain, concise language, easily understood, practical information on the best way to be successful in growing good roses under glass and outdoors. The book is, beyond all comparison, the most complete and comprehensive ever published on the subject of which it treats. Price: Cloth bound, $1.75 (postpaid $1.90).

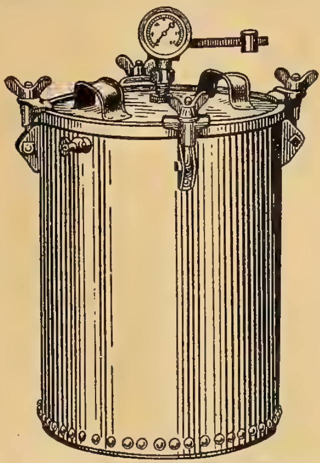
If You Are Interested in Hotel, Factory or Community Steam Pressure Canning Outfits, We Will Be Pleased to Furnish Prices

"National" Junior No. 1 Canner

For Canning Vegetables, Fruit, Meat, Fish, Etc.

Shipping Weight 55 Pounds

Price $20

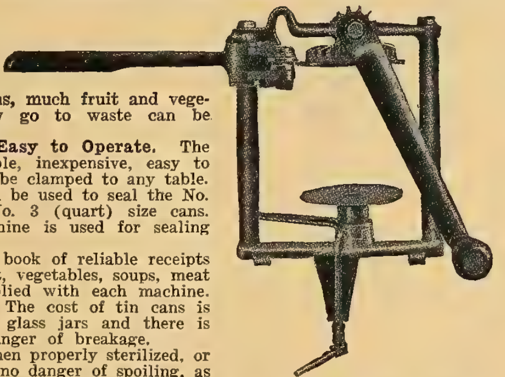


Daily Capacity 200 to 400 Cans

Consists of one 12 x 18 inch steel retort, with cover, packing, etc., steam gauge, one perforated galvanized crate, one safety valve, one petcock, one triangle and one thumb nut wrench.

In order to be prepared to can all varieties of fruit, vegetables, meats, fish, etc., it is absolutely necessary to have a "Steam Pressure Canner," as this is the only way you can be assured of perfect sterilization. A great many vegetables and all meats require a pressure of 250 degrees Fahrenheit for perfect sterilization, and the only way this can be attained is with **steam under pressure.** Our "National" Junior No. 1, which is illustrated above, is particularly well adapted for canning in the home and also for use by Government demonstrators. It will hold ten quart jars or fifteen pints at one loading. Tin cans may also be used. With one of our small canners you can put up enough fruit, vegetables, meats, etc., to supply the table for the entire year at a great saving.

A Few Reasons for Canning in Sanitary Tin Cans With The Burpee Home Can Sealer



Marketable. When canning is done in the regular marketable size tin cans, much fruit and vegetables that now go to waste can be canned and sold.

Simple and Easy to Operate. The machine is simple, inexpensive, easy to operate and can be clamped to any table. One machine can be used to seal the No. 2 (pint) and No. 3 (quart) size cans. A separate machine is used for sealing the gallon cans.

Receipts. A book of reliable receipts for canning fruit, vegetables, soups, meat and fish is supplied with each machine.

Costs Less. The cost of tin cans is much less than glass jars and there is absolutely no danger of breakage.

No Loss. When properly sterilized, or cooked, there is no danger of spoiling, as the cans always seal airtight.

Flavor Retained. The delicious flavor of the fresh fruits and vegetables is not lost when canning in tin cans, because the cans are sealed airtight before the cooking is done.

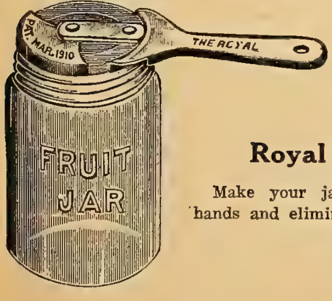
Reduces Labor and Fuel. By piling the cans one on top of another when being cooked, twice the amount can be cooked in the same time.

Sealer Without Opener and Can Saving Features

No. 2.	**Burpee Home Can Sealer,** for sealing No. 2 (pint) Sanitary Tin Cans	$18.00
No. 3.	**Burpee Home Can Sealer,** for sealing No. 3 (quart) Sanitary Tin Cans	18.00
No. 23.	**Burpee Home Can Sealer,** for sealing both No. 2 and No. 3 Cans	21.00

Sealer With Opener and Can Saving Features

Nos. 2 and 3.	With opener and reflanger	$22.00
No. 23.	With opener and reflanger	25.00



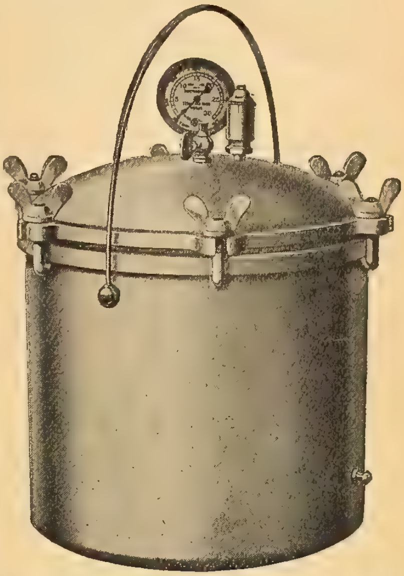
No. 65

Royal Fruit Jar Wrench

Make your jars absolutely airtight. Save your hands and eliminate waste.

Price 10c each.

"National" Aluminum Pressure Cooker



The high cost of living can be reduced materially by the use of our Aluminum Pressure Cooker and many hours of time can be saved by the housewife every day in the year. The outfit is complete in every detail and should be a part of the equipment of every kitchen. It is made of highly polished aluminum and the fittings are all of high-grade brass, which also adds greatly to the appearance of the cooker. The cooker may also be used for canning in small quantities.

The steam gauge registers the number of pounds pressure in the cooker at all times and is absolutely reliable. The petcock is to create free circulation of steam and should be left entirely open until all the cold air is forced out of the cooker and steam commences to pass off, when it should be partly closed. The special safety valve, which is made specially for use with the "National" Pressure Cooker, is adjustable so that it can be set at any desired point and will automatically blow off the excess steam so as to maintain the desired pressure for the necessary length of time. This is one of the features of the "National" which will not be found in any other style of pressure cooker. There is absolutely no danger connected with the operation of it, and a complete receipt book, together with instructions for operating, are furnished with each outfit.

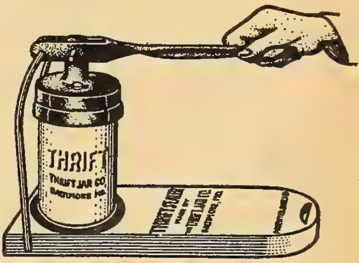
10 Quart Size (liquid capacity). Inside diameter, 9 ins. Height, 8¼ ins. Net weight, 9½ lbs. Shipping weight, 12 lbs. Price, $25.00.

17 Quart Size (liquid capacity). Inside diameter, 11½ ins. Height, 10½ ins. Net weight, 18 lbs. Shipping weight, 25 lbs. Price, $33.00.

25 Quart Size (liquid capacity). Inside diameter, 12½ ins. Height, 11½ ins. Net weight, 23 lbs. Shipping weight, 30 lbs. Price, $40.00.

"Thrift" Way

"Thrift" Seals Them Tight and Keeps Them Right


THRIFT
THRIFT JAR CO.
BALTIMORE MD.
THRIFT SEALER

THE THRIFT SEALER

How many of the jars of vegetables and fruits that you "put up" last year spoiled? Canning experts state that for every dozen jars packed, processed and sealed the ordinary way, two are lost. But not the Thrift Way—because foods canned the Thrift Way can't spoil. They are mechanically and hermetically sealed before cooking; sealed just as the big packers seal their jars for market—with all the flavor and juices in the jar. The Thrift Way is easier and quicker, too. No uncertain tops or rubber rings to bother with; no hot jars to handle. It isn't the number of jars you "put up" its the jars that keep that count. That is why so many women who can foods for home or market are using the Thrift Way.

"Thrift" Way Jars Are Extra Strong

Thrift jars are made of the finest clear flint glass. They will stand unusual extremes of heat and cold; and constant use for many years. Made in two sizes, quart and pint and a quarter with wide mouths making them easy to fill and clean.

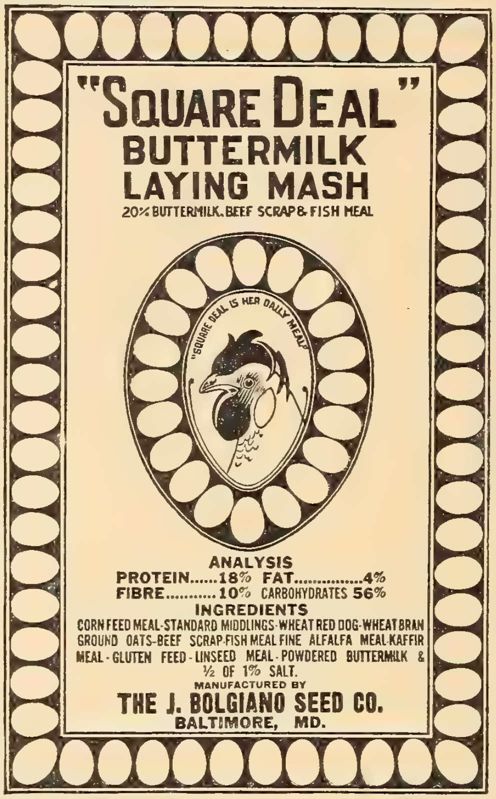
The "Thrift" Sealer

A filled jar (filled only to within one-half inch of the top) is placed in sealer, with patent cap on mouth of jar. Lowering handle of sealer presses head of sealer over cap and mechanically "crimps" cap on mouth of jar; sealing it airtight—hermetically. As an extra precaution lift handle, give jar a slight turn and again press down handle, giving the jar an extra sealing. No strength or skill is required to seal the Thrift Way; a child can do it perfectly.

1¼ Pint Thrift Jars and Caps $1.15 per dozen.
1 Quart Thrift Jars and Caps $1.40 per dozen.
Extra Thrift Caps 36c per dozen.
Thrift Sealer $2.50. Thrift Sealer Bottle Capper 50c.

Why You Should Feed Bolgiano's "Square Deal" Buttermilk Laying Mash

The question is often asked whether or not a mash feed for poultry is essentially necessary. You can prove this for yourself by watching your own flock and asking yourself this question, "Why is it I get more eggs from my hens during the summer than I do in the winter?" This is a fact established from experience, and it is due to the green food and the animal protein in the form of bugs, worms and grubs the hens are able to find for themselves, for it is the animal protein which furnishes the material necessary for egg production. Now when cold weather sets in and nature's supply of animal protein is cut off, isn't it only logical that egg production will continue if the element is furnished from another source. It is not only logical, but it is a fact, and "Square Deal" Buttermilk Laying Mash will do it.


"SQUARE DEAL IS HER DAILY MEAL"

"SQUARE DEAL"
BUTTERMILK
LAYING MASH
20% BUTTERMILK, BEEF SCRAP & FISH MEAL

ANALYSIS
PROTEIN......18% FAT................4%
FIBRE...........10% CARBOHYDRATES 56%
INGREDIENTS
CORN FEED MEAL-STANDARD MIDDLINGS-WHEAT RED DOG-WHEAT BRAN GROUND OATS-BEEF SCRAP-FISH MEAL FINE ALFALFA MEAL-KAFFIR MEAL-GLUTEN FEED-LINSEED MEAL-POWDERED BUTTERMILK & ½ OF 1% SALT.
MANUFACTURED BY
THE J. BOLGIANO SEED CO.
BALTIMORE, MD.

What the Average Hen is Capable of Producing

The productivity of a hen is determined by the productivity of the parent stock. Therefore, it is imperative that you know first of all that your chicks are hatched from eggs laid by stock bred for egg production. This is the first step to insure good production, and after the chicks have been raised properly to maturity, it is then essential to supply the elements necessary to manufacture the eggs. When you know the eggs are there and your pullets are in fine condition and receiving the proper feed, you can rest assured that they will produce.

How to Secure Steady Egg Production

From actual experiments conducted at various State Agricultural Colleges it has been determined that a mash feed containing 20 per cent animal protein feed produces the best results, provided that the required percentage of protein is present. To give a concrete example low protein beef scraps may be used to bring the mash feed up to the required 20 per cent, but while the volume will be present, the protein percentage will fall short of that required for a balanced ration. The three best known sources of supply from which animal protein is available are beef scrap, fish meal, and powdered buttermilk. "Square Deal" Laying Mash contains in the proper proportions these three ingredients—each of which is of the highest quality in its class.

The Value of Dried Buttermilk in the Mash

There may be some question raised regarding the digestibility of dried buttermilk. Formerly in the drying process the digestibility was reduced and a large portion of the lactic acid content destroyed, but by the process under which the buttermilk we use in our mash is now prepared, neither of these vital elements is affected. Vitamines, another extremely important feed element, and one found in only a few feeds, is presented in best form in dried buttermilk. On account of the concentrated form of dried buttermilk, the protein, milk sugar, butterfat, and lactic acid content is increased threefold over the condensed product. Lactic Acid is also a very necessary element, as it has a tendency to keep the digestive tract of the fowl in perfect condition by ridding it of disease germs, etc. This is an all important consideration when you take cognizance of the fact that nearly all fowl diseases originate in the digestive tract, and as soon as trouble starts here, egg production is retarded, if not stopped completely. The following is the result of a test conducted at the Missouri Agricultural Experiment Station using rations named:

Sour Milk Ration	3275 eggs
Beef Scrap Ration	2668 "
Straight Grain Ration	1375 "

How to Feed "Square Deal" Buttermilk Mash

Grain in its natural form is relished more by poultry than when finely ground. This is so because of their nature, and if the hen can eat her fill of grain, she will not consume very much mash, but will just pick out the choicest morsels of beef scrap, etc. If your hens consume too much grain they will become fat and lazy, and a fat hen will not lay. Grain supplies heat and energy for body maintenance, and material for the manufacture of the yolk. Our mash feed takes care of this to a certain extent, and in addition furnishes the necessary elements to complete the egg formation. Keep "Square Deal" Mash in open hoppers before your hens continually.

Grain Ration to Be Fed in Conjunction with "Square Deal" Laying Mash

MONTHS	Lbs. per day per 100 birds	Lbs. for feeding A. M.	P. M.
November	12	4	8
December	12	4	8
January	12	4	8
February	12	4	8
March	12	4	8
April	12	4	8
May	10	4	6
June	10	4	6
July	8	3	5
August	6	2	4
September	5	2	3
October	5	2	3

"Square Deal" Mash Produces Results—Meaning Profits for You

"Square Deal" Buttermilk Mash is a feed which has just got to produce results. This is so because it is composed of only the best ingredients properly balanced, contains no medicants or adulterants, or in other words it is nothing less than a mixture of pure, sweet, clean grain and animal products. It is prepared not with the idea of forcing egg production to the limit and thereby weakening the constitution and vitality of the hen, but to keep the flock in the best possible condition and supply those elements which are known to be essential to insure steady, normal egg production. To be certain that you are getting a real "Square Deal" Feed at a real "Square Deal" price, insist on the feed in the bag illustrated herewith.

Owing to the unsettled condition of the grain market prices furnished on application.

Bolgiano's "Square Deal" Poultry and Pigeon Foods

SOLD WITH AN ABSOLUTELY "SQUARE-DEAL" GUARANTEE

"Square-Deal" Chick Starter

A Primary Food for Baby Chicks Up to Three Weeks Old

This is a primary food for Baby Chicks; contains only the best selected, recleaned, sound, sweet, cracked grains and seeds in proper proportions essential to quick and healthy growth. This food should be fed in litter to induce exercise.

"Square-Deal" Chick Food

Quicker Develops Growing Chicks

This is a carefully selected high-grade mixture of recleaned, sound, sweet, cracked grains and seeds, and is an intermediate food for growing chicks too small to eat our "Square-Deal" Scratch Food. Make them work for it; exercise promotes health and aids digestion.

"Square-Deal" Buttermilk Growing Mash

Our Growing Mash is a mixture of first quality ground grains, beef scrap, powdered buttermilk, and fancy bone meal, properly proportioned and scientifically balanced so as to insure quickest possible growth and development. Feed dry and you will be surprised at the results. Let the chickens have free access to "Square-Deal" Growing Mash all the time, they will not gorge themselves. When four months of age mix one-half Laying Mash with the Growing Mash and watch results.

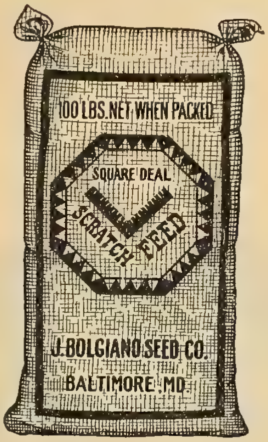
Bolgiano's "Square-Deal" Crushed Oyster Shells. The best poultry authorities recommend the "Grit-Box" system. Our fresh ground shell supplies Carbonate of Lime to increase the production of eggs. Poultry, pigeon and chick sizes.

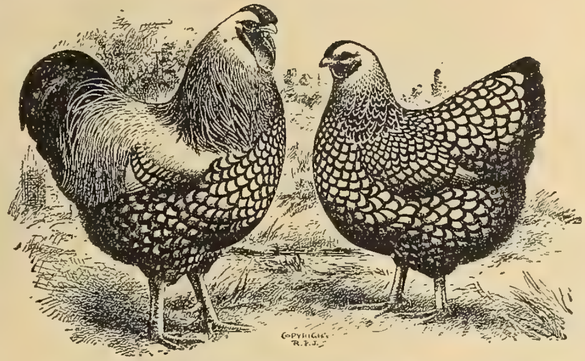
Bolgiano's "Square-Deal" Beef Scraps 55 to 65 per cent protein. For success with poultry it is absolutely necessary to give them plenty of animal food. For this purpose "Square-Deal" Beef Scraps are the best food that can be used.

Red Star California Fine Ground Alfalfa Meal is a green food and is very nutritious and appetizing. When fed separately steam well before using.

Swift's Bone Meal
Fish Meal

Keep Posted as to Prices




COPYRIGHT R.F.J.

Owing to the unsettled condition of the grain market it is impossible for us to make prices that will hold; therefore, ask that you kindly write us for lowest quotations.

"Square-Deal" Poultry Food

A Scratch Food of the Highest Grade—Contains Sunflower Seed

This is a combination of carefully selected, recleaned, sound, sweet grains—the food that keeps the fowls vigorous and healthy; when fed in deep litter, keeps the fowls active. The busy hen is always profitable.

"Square-Deal" Buttermilk Laying Mash Makes Hens Lay

It is a complete scientifically balanced mash composed of carefully selected mixture of recleaned, sound, sweet ground grain and green food, Beef Scraps, Buttermilk and ½ of 1 per cent salt. It contains proper proportions essential to producing big egg yield.

"Square-Deal" Pigeon Food—No. 1

This food is a carefully selected mixture of recleaned, sound, sweet grains and seeds, especially adapted for pigeons and squab fattening. It is exceptionally helpful at moulting time.

"Square-Deal" Pigeon Food—No. 2

Without wheat, corn, grit or shell. It is composed of carefully selected, appropriate, recleaned, sound, sweet grain and seed, especially adapted to flying pigeons.

"Square-Deal" Pigeon Food—No. 3

Without corn, grit or shell, but contains some wheat. It is composed of carefully selected, appropriate, recleaned, sound, sweet grains and seeds.

"Square-Deal" Pigeon Food—No. 4

This pigeon food does not contain any cracked corn, wheat, grit or shell, but is composed of flint corn and carefully selected, appropriate, recleaned, sound, sweet grains and seeds, especially adapted to fancy pigeons.

Powdered Buttermilk
Bolgiano's "Square-Deal" Blood Meal

Prices Quoted on Application

Poultry and Pigeon Supplies

We can supply the following selected ingredients in large or small quantities at the lowest possible prices, quality considered.

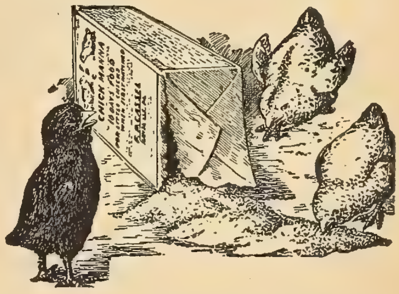
Feeding Rice
White Kaffir Corn
Red Kaffir Corn
Milo Maize
Extra Large Sunflower
Hemp Seed
Tobacco Stems
Tobacco Dust
Canary Bird Seed
Corn Chop
Middlings
Red Dog
O. P. Oil Meal
Wheat Bran
Gluten Feed
Corn Feed Meal
Red Millet
Yellow Millet

Bird Vetches
Flax Seed
Feeding Wheat
Wheat Screenings
Red Star Alfalfa Meal
Cut Clover
Feeding Buckwheat
Hulled Oats
Yellow Corn
Cracked Corn
Fine Cracked Corn
Cracked Wheat Sifted
Small Corn for Pigeons
Ground Oats
Rolled Oats
Bird Rape
Feeding Barley
Steel Cut Oats

Canada Peas, Fancy
Canada Field Peas, Prime
Feeding Oats
Foust Health Grit for Pigeons
Charcoal, prepared, all sizes
White Rice Pop Corn
Cracked Corn and Crushed Oats
Cotton Seed Meal
Cockeysville Egg Shell Grit
"Square-Deal" Crystalline Grit
Red Cross Grit
Hen-Eta Grit

F. P. C. Chick Manna

The Original Special Prepared, First Ten-Day Food for Baby Chicks
Standard First Food Since 1884



Prepared with great care for little chicks just hatched. Peculiarly adapted to the promotion and health, quickening of growth and developing strong chicks in winter and early spring. Put up in packages—1 Lb., 15c; 3 Lbs., 40c; 5 Lbs., 60c; 15 Lbs., $1.65.

Bolgiano's " Vital-Hatch " Baby Chicks

READ CAREFULLY—IMPORTANT!

Weather conditions permitting, we place the first eggs in the incubators early in February.

Our First Hatches will consist of the following varieties: Barred Plymouth Rocks, Buff Rocks, White Plymouth Rocks, Single Comb Rhode Island Reds, and White Wyandottes. The greatest demand is for the above breeds, and as we manage large flocks of breeders, we are in a position to fill orders for Vital-Hatch Baby Chicks early and in large numbers.

The following varieties about March 15: Single Comb White Leghorns, Single Comb Brown Leghorns, Single Comb Black Minorcas, and Single Comb Anconas.

Records of all eggs placed in the incubators and of the tests made thereafter are kept to ascertain the percentage of fertility and the probable percentage of hatch to be expected.

We are, therefore, in a position to write you when you may expect shipment of your order. We are continually booking orders against our Hatching records.

It is to your advantage to place your order with us immediately, and we will give you the earliest shipping date possible. It is the case with us, as it is with all Hatcheries, all orders for Vital-Hatch Baby Chicks are filled in rotation, as received, as near to the date as is possible.

All Prices in this Catalogue are subject to change without notice.

We accept all orders for Baby Chicks subject to delays incident to Hatching and Transportation Conditions. A card will be promptly mailed to you acknowledging your order and remittance.

THE SECRET OF CHICKS WITH "VITALITY"

Comparison of prices should not be the deciding factor in placing your order for chicks. Weak, sickly, poorly hatched chicks are dear at any price. Why buy such when you can get VITALITY as well as QUALITY at a reasonable price? ONE HUNDRED of this kind are worth ONE THOUSAND poorly hatched mongrels.

If you wish to book your order early and it is not convenient for you to pay for them at the time, send one-quarter, or twenty-five per cent, of the full amount of the order.

A card will be mailed to you, telling you when shipment will probably be made, and the balance due on your order must reach us 10 days before shipping date. We cannot ship C. O. D. by Express or Parcel Post.

OUR GUARANTEE TO YOU

If Prices are reduced at the time of shipping, the purchaser will be proportionately credited with the amount or enough additional chicks shipped to make up the difference.

We guarantee 97 per cent of the Baby Chicks to reach you in good condition.

Do not sign for damaged goods—unless marked damaged by the Agent—on the receipt which you sign.

Have the brooder warmed up and ready to receive and care for the chicks properly.

EXAMINE THE SHIPMENTS

On arrival, open box; if any chicks are dead, have postman mark number on the back of the receipt and return the receipt to us, and we will refund your money for them or replace them, free of charge. In this way you have no loss and get full number you pay for.

We have successfully shipped baby chicks 1,500 miles and can guarantee safe arrival.

All CLAIMS must be made within **TWENTY-FOUR HOURS**, together with a statement from your postmaster, showing the **CHICKS** were received in **POOR CONDITION.**

HOW TO ORDER BABY CHICKS

Be sure and give full name of your postoffice. (Write full name plainly.) State plainly the number and variety of chicks you want, when wanted, and we will acknowledge receipt of your order at once, and tell you about when the chicks will be shipped.

If you have a second choice, please name the variety when ordering, and in that way delays will be avoided many times.

DON'T give BABY CHICKS COLD WATER TO DRINK. DON'T OVERFEED CHICKS. EITHER of the ABOVE will START BOWEL TROUBLES. FEED liberally, so long as they keep ACTIVE. Keep their BACKS WARM.

We are better equipped than ever to supply you with Bolgiano's " Vital Hatch " Baby Chicks this coming season. We have again increased our hatching capacity and have every reason to believe that we are going to be able to handle all orders promptly, especially for the most popular breeds.

☞All Orders are Filled in Rotation (as received) as Quickly as is Possible☜

Bolgiano's "Vital-Hatch" Poultry Farms; Office, Pratt and Light Sts., Baltimore, Md.

PRICES VITAL-HATCH BABY CHICKS

VARIETY	25 Chicks	50 Chicks	100 Chicks	500 Chicks	1000 Chicks
Single Comb White Leghorns	$6.00	$11.00	$20.00	$95.00	$180.00
Single Comb Brown Leghorns	6.00	11.00	20.00	95.00	180.00
Buff Rocks	6.50	12.00	22.00		
Barred Plymouth Rocks	6.50	12.00	22.00	105.00	200.00
Single Comb Rhode Island Reds	6.50	12.00	22.00	105.00	200.00
Single Comb Black Minorcas	7.00	13.00	25.00		
White Plymouth Rocks	7.00	13.00	25.00	120.00	230.00
White Wyandottes	7.00	13.00	25.00		
Single Comb Anconas	7.00	13.00	25.00		

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

About Shipping

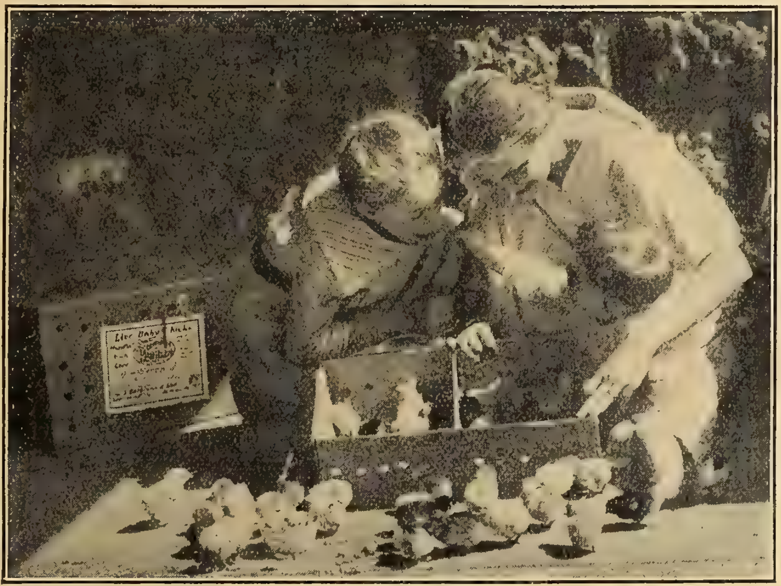
The shipping of Baby Chicks by Parcel Post was so universally successful last season that the Government has made the ruling on shipping Baby Chicks by Parcel Post permanent. All of the prices quoted on Baby Chicks are **Postpaid to your Postoffice,**

The purchaser assumes all risks when chicks are ordered shipped by express.

About Ordering

We are usually in a position to ship Day Old Chicks within a week from the date your order is received. We, however, advise you to allow us to book your order early, thereby avoiding all delays and the many disappointments that are bound to occur in the busiest part of the season. Our **First Floor** will be alive with Baby Chicks this Spring. Come and see them.

Bolgiano's
TRADE MARK
"Vital Hatch"
BABY CHIX.



A Shipment of Vital-Hatch Baby Chicks to NILES, Mich.

Watch Your Brooding

First of all the chicks must have ample heat. If they are with hens just take care of the hen, seeing to it that she has dry, well-ventilated quarters, safe from predatory animals and Mother Nature will attend to the heating apparatus. If the chicks are put under brooders then be sure the temperature is right and uniform both day and night. Overheating and chilling bring on such troubles as White Diarrhoea, bowel trouble, and leg weakness.

If your birds are on range, coop the hen in such a way that the chicks may run in the yard but don't allow the hen her freedom. Otherwise Mrs. Biddy will take her family sightseeing and pretty soon half your chicks will have disappeared.

Before putting the chicks under the brooder have the brooder warmed up and regulated to the proper temperature. For newly-hatched chicks 95 to 100 degrees is necessary. As chicks grow older they do not require as high a temperature.

Directions for Feeding First 8 Weeks

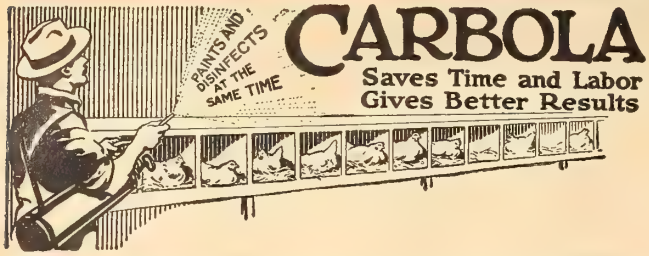
Give the chicks fresh water and fine grit from the start but no feed until they are 48 hours old. The yolk, absorbed into the system just before hatching out, is Nature's nourishment at this period and is all the chick requires. The fasting period gives the chick a chance to assimilate the yolk, and removes the cause of many chick losses through feeding too soon.

By feeding the chicks grit at the start the gizzard will be ready to perform its proper functions when the food is finally given to the chick. After the 48 hours have elapsed give the chicks Bolgiano's Buttermilk Starting Feed *dry* just as it comes from the bag but allow them very little the first few feeds. When 72 hours old give the chicks their first feed of Bolgiano's Square Deal Chick Starter, scattering it five times per day in a clean litter of cut clover or alfalfa.

For the first feed place the feed on paper or feeding boards, tapping with the fingers so as to call the chick's attention to the feed. Leave the feed before them for 15 or 20 minutes, then remove whatever is left. After the first few days, begin feeding twice each day, continuing until the chicks are at least six days old.

After six days place food in small feeding troughs or hoppers to prevent waste, keeping it before them all the time. This method prevents the chicks overeating, and insures their consuming sufficient food to keep them growing every minute, without overtaxing the digestive organs. At this stage a little green food may be given once a day. Young sprouted oats, lettuce or tender grass sod is fine.

After the eighth week start mixing Bolgiano's Buttermilk Growing Mash with the Starting Feed, adding about ten per cent of Growing Mash daily until the birds are being fed entirely on Growing Mash. When laying time comes switch the flock to Bolgiano's Buttermilk Laying Mash.



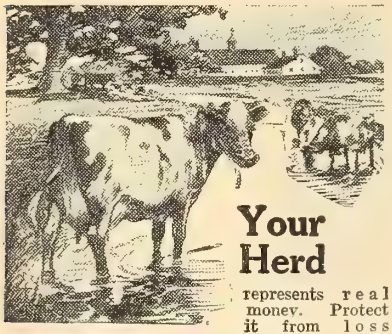
Carbola will make your buildings lighter and sweet-smelling—put them in the cleanly, sanitary shape they must be if you expect the best production from your stock.

Use It Instead of Whitewash and Disinfectants

in poultry houses, stables, cellars, hog pens, factory and outbuildings. Carbola is used and endorsed by thousands of poultry, dairy and breeding farms in all parts of the country, and by many experiment stations and agricultural schools.

Carbola is a combined disinfectant and paint, or whitewash, that has been thoroughly tested by time under all conditions of climate and temperature. It has gained unqualified endorsement and is used by agricultural colleges, experiment stations and by many of the largest and most carefully conducted poultry, dairy and breeding farms.

Carbola kills lice, mites, fly eggs, etc., and is a preventive of many contagious diseases that affect poultry and live stock—such as roup, white diarrhoea, scaly leg, glanders, cholera, contagious abortion, etc. These diseases are of germ origin, and if once started in a flock or herd, spread rapidly and cause severe money loss.



Your Herd represents real money. Protect it from loss through infectious disease make its living quarters clean, bright and sanitary and save yourself time, labor and money. Use

CARBOLA
The Disinfecting White Paint

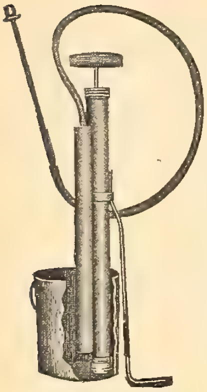
Carbola comes in powder form, packed in convenient-sized packages, and is ready to use just as soon as it is mixed with cold or hot water.

It can be applied with a brush or a spray pump, and positively will not clog the sprayer. One pound of Carbola mixed with one gallon of water has a germicidal strength about 3 times stronger than a 5 per cent solution of pure carbolic acid, which is the standard for general disinfecting purposes, but is neither poisonous nor caustic. One gallon will cover approximately 250 square feet of surface.

Prices

2 lbs. Trial pkg.	$ .30
10 lbs. (10 gals.)	1.25
50 lbs. (50 gals.)	5.00

No. 28 Carbola Sprayer and Force Pump



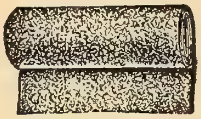
Price, $3.00 each

No. 28 Carbola Sprayer and Force Pump is designed for use in pail or bucket, and will fit any size. The pump is made of galvanized iron. The top and bottom are made of brass, and the galvanized pump is nicely painted. It is regularly equipped with 3 feet of best hose, one foot brass extension rod and a brass nozzle, which will give two different sizes of sprays. It has ball valves and steel foot rest. The pump is provided with an overflow, which carries all the liquid which might get above the plunger back into the pail. The plunger is easily removed and easy to operate, due to double action. Made with large air chamber. The pressure being held in the air chamber and on the nozzle enables the operator to throw a continuous spray, which is not affected by the movement of the plunger. This pump is especially designed for spraying Carbola.

Much more work can be done with this Carbola pump in a day than can be done with a brush. The force with which the material is applied causes it to penetrate the small crevices, making a perfect job.

Certain-teed
Roofing
Certain-teed
ROOFING

See That Your Roofs Are in Good Repair to Stand the Winter Storms

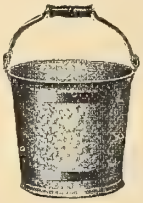


"Certainteed" Asphalt Roofing

Fully guaranteed 5, 10 and 15 years. Put up in rolls of 108 square feet. Nails and cement included.

1 ply, weight about 35 lbs. Price	$1.85
2 ply, weight about 45 lbs. Price	2.25
3 ply, weight about 55 lbs. Price	2.75

Feed and Water Buckets

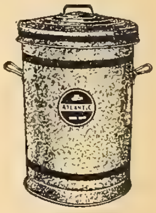


Made of heavy galvanized iron, which makes them durable.

Prices, 28 Gauge:

No. 310.	10-quart	60c each
No. 312.	12-quart	65c each
No. 314.	14-quart	70c each

Storage Cans



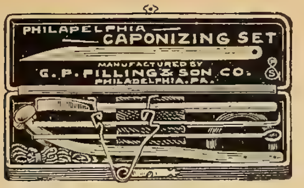
Made of 24-gauge galvanized iron, top and bottom reinforced with 1¼-inch 14-gauge band iron.

These cans make serviceable, rat-proof grain bins. They can also be used for rubbish or garbage cans.

Price, $3.50 each.

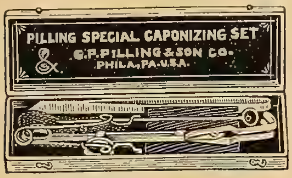
Shipping weight, 20 lbs. each.

A CARBOLA WHITEWASHED POULTRY HOUSE
CLEAN AND SANITARY



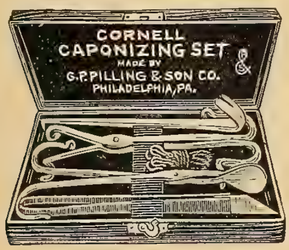
Philadelphia

Complete with Instructions, in Velvet-lined Case, as per Engraving..............$2.75


PILLING SPECIAL CAPONIZING SET
G.P. PILLING & SON CO.
PHILA. PA. U.S.A.

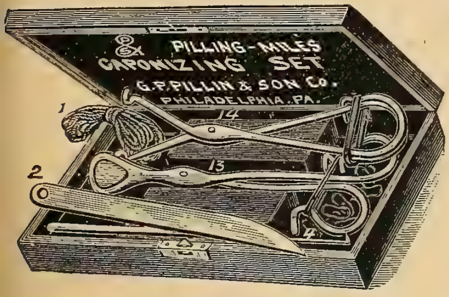
Pilling Special

It is just the same as other Caponizing Sets, except that the Testicle Remover cuts like a pair of scissors the cord of the testicle clean and clear as a whistle. The Instruments in this set are put up in Oak Case, sent postpaid with full, easy-to-use directions, on receipt of $4.00.



Cornell Set

Experiments in the use of various caponizing instruments recently carried on by E. W. Benjamin, Instructor of the Department of Poultry Husbandry at Cornell University, have resulted in the manufacture by us of the **Cornell Caponizing Set.** This set—two testicle removers, Pilling-Farmer twisting scoop and Pilling-Miles remover—sells for the reasonable price of $5.00.



Pilling-Miles Caponizing Set

This set has many admirers, as it does away with horse hair. It consists of a knife for making the incision; the Spreader Forceps for holding the sides open; sharp hook for catching the skin; the Loop Forceps for catching and removing. Cords with hooks are for holding the bird. They are very fine instruments, made of the finest steel and of the best workmanship. The above set, with instructions, in a fine velvet-lined case, sent by prepaid mail on receipt. Price, $5.00 each.

What are Capons?

A capon is a male bird (cockerel or rooster) from which the testicles have been removed. As in other animals—bull, horse, boar, etc.—this operation changes his nature entirely. He has only one function in life—to get fat. The growth is more rapid, the comb and wattles cease to grow, the bird is lazy, his plumage is heavy and very beautiful, the spurs do not develop, neither hen nor rooster has any further use for him, and he seeks the company of the little chickens, brooding over them at night and leading them about during the day. He makes quick meat, tender meat, and much of it, and, best of all, he makes the highest-priced meat in the market. The uncaponized rooster runs his flesh off; he is always in trouble. Caponize good-for-nothing fowl—all legs and appetite—and, presto! he is changed into the quiet Capon. His mission in life is now to convert his owner's food into the delicious and highly profitable meat. Properly killed and dressed, he attracts the attention of the best buyers—people to whom money is no object if they can get what they want.

Best Time to Caponize

Fowl hatched any time of the year make fine capons; no ill-results follow the operation at any time in the year. The bird should be from two to three months old (not over six months), and weigh not less than a pound and a half. The size is equally as important as the age. April, May, June, July, August, September and October are the months generally taken for caponizing, for the reason that spring chickens arrive at proper age and weight during these months; also because cockerels caponized then arrive at the proper age and weight for market during the months of November, December, January, February, March, April and May, at which time there is the greatest demand for them in the cities and highest prices secured.

Feeding Capons

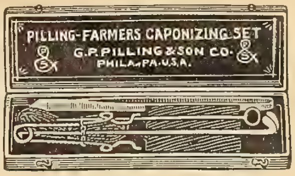
The question is often asked, "How are capons to be fed?" The answer is easily given. After caponizing, give the bird all he will eat of soft feed, and let him have plenty of water. Caponized fowl begin to eat almost immediately after the operation is performed, and no one would think for a moment that a radical change had been made in their nature.

Points for the Learner

The first question asked by the learner is, "How long does it take to caponize a bird?" We would say; "Make haste slowly." The first operation may take from fifteen to twenty minutes, but take your time; go slowly, but act quickly; note every point, keeping your thoughts intently on the work. The first operation is your instructor; the second finds you master of the situation. After a little practice a bird can be caponized in two minutes with the Pilling Sets.

Killing and Dressing Capons for Market

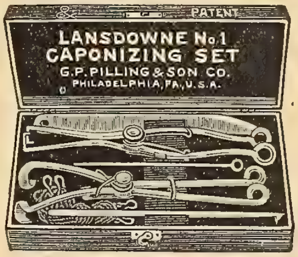
The capon should be allowed to grow until at least one year old. By this time they are a beautiful bird, and will have attained an imposing size. Some keep them even longer than a year. While this is optional with the raiser, we would not advocate killing them under one year old if they are being raised for market.


PILLING-FARMERS CAPONIZING SET
G.P. PILLING & SON CO.
PHILA. PA. U.S.A.

The Farmer's Caponizing Set differs somewhat from the Philadelphia Caponizing Set, inasmuch that a twisting and tearing scoop is used instead of the Canula for removing the testicles.

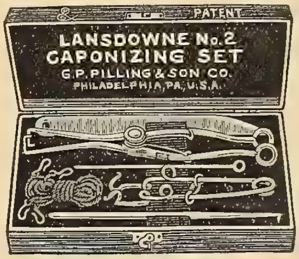
Price, complete set of instruments in velvet-lined case, $3.00 per Set, Prepaid.

Lansdowne Capon Set

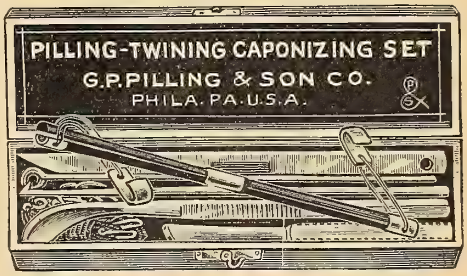


Lansdowne No. 1. Price $3.50

Lansdowne Automatic Testicle Remover in Sets No. 1 and No. 2 (Pilling Patent) is, as its name implies, automatic—quick, easy to use and just the remover for the beginner.



Lansdowne Set No. 2—$3.00

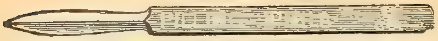

PILLING-TWINING CAPONIZING SET
G.P. PILLING & SON CO.
PHILA. PA. U.S.A.

Pilling-Twining Caponizing Set

The Pilling-Twining Caponizing Set is the same as the Philadelphia Set, except the Pilling-Twining Testical Remover takes the place of the improved caponizing canula.

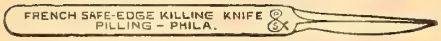
The instruments in this set are put up in Oak Case, sent postpaid, with full, easy-to-use directions, on receipt of $4.00.

Pilling French Poultry Killing Knife



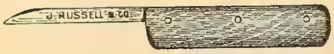
Every poultry raiser should have one of our Killing Knives. They are made of a finely tempered instrument steel, with nickeled handle; will last a lifetime. Don't wait! Send for one now! Sent securely packed by mail, postpaid, on receipt of 65c.

Safe Edge Killing Knife



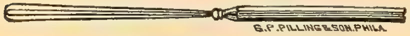
Exactly same as French Killer, except cut on one side only. Prepaid on receipt of 65c.

Russell's Killing Knife


J. RUSSELL & CO.

60c each. Postpaid 65c.

Philadelphia Gape Worm Extractor

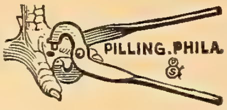

G.P.PILLING&SON.PHILA.

Postpaid, 30c each

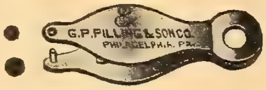
Lansdowne Poultry Marker

See how easy to use.

35c postpaid.


PILLING.PHILA.

Perfect Poultry Marker


G.P.PILLING & SON CO.
PHILADELPHIA, PA.

The best little chick marker ever made. Small and convenient to carry in the pocket. 35c postpaid.

Roup Syringe

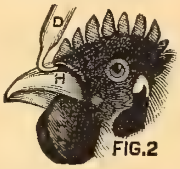


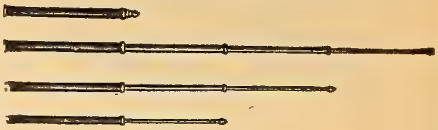
FIG.2

This is one of the cures for roup and similar diseases to which poultry are so liable. Can be used either internally or externally. 15c each.

Nickel-Plated Rabbit Spreaders

Price ....30c each

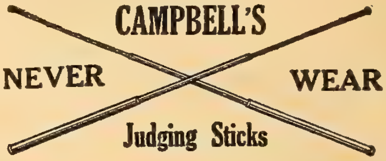
Imported Telescopic Judges Sticks



The best judges' stick on the market. Neat, strong, durable and compact. Made of brass tubing, with Japanned handle, and easily carried in the pocket. When closed, all sizes measure 9 inches long.

Small size, 16 inches opened	$1.50
Medium size, 23 inches opened	1.75
Large size, 29 inches opened	2.00

CAMPBELL'S NEVER WEAR JUDGING STICKS



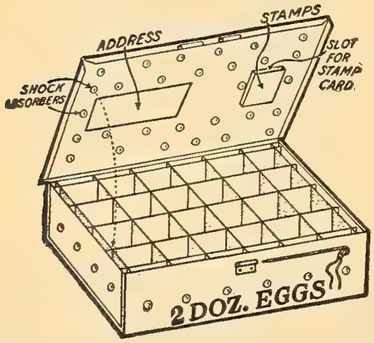
Price $2.00

The Aluminized Metal Egg Crates

solve the problem of shipping eggs, butter and other farm products by Parcel Post. They are made for continued use, being strongly constructed but light in weight.

All crates are provided with built-in shock absorbers to give a cushion for the eggs. Fillers to hold the eggs are made for long life.

Metal Egg Crates do not require outside wrapping for mailing. A short string only is needed for tying "pin" which holds lid securely closed.



Metal Crates showing compartment for the eggs, shock absorbers that prevent breaking, "opening" in lid for address, and slots to hold stamp card—reversible.

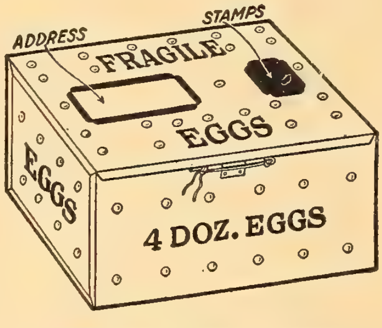
Four Sizes

Metal Egg Crates are made to hold two, three, four and six dozen eggs each; also combination-crates to hold eggs and butter of different quantities.

Postage

	Empty	Filled
Two dozen size	7c	9c
Three dozen size	7c	11c
Four dozen size	7c	13c
Six dozen size	8c	16c
Comb. butter-eggs	7c	14c

These rates apply to the second zone, or 150 miles.



High Cost of City Products

The cost of living can be greatly reduced by buying eggs, butter and other costly produce direct from the farmer, shipped in the Combination Crates.

Reversible address card to be placed over eggs, address visible through opening in lid. Names of shipper and receiver are placed on each side of this card.

Prices—Eggs Only

Two dozen size—all eggs	$1.00
Three dozen size—all eggs	1.25
Four dozen size—all eggs	1.50
Six dozen size—all eggs	1.75

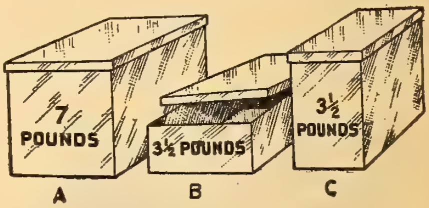
Combination Crates—Butter and Eggs

No. 1—A container—2 doz. eggs	$1.75
No. 2—B container—1 doz. eggs	1.50
No. 3—C container—2 doz. eggs	1.65
No. 4—B container—3 doz. eggs	1.85

Butter Only

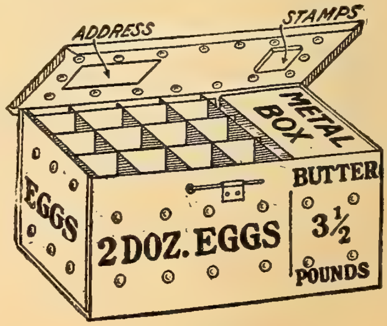
No. 5—Two A containers	$2.50
No. 6—Two B containers	2.00
No. 7—Three C containers	2.50

Metal Containers

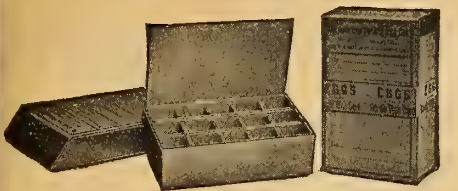


Combination Crates

Any size Combination Crate desired can be supplied to carry eggs with Metal Containers to hold butter, lard, sausage, honey, cut-up chicken, country sliced ham, etc. Any of these Combination Crates will be found surprisingly satisfactory. Butter, lard and other soft products will not melt or run in warmest weather.



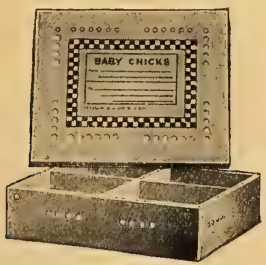
Anderson Egg Box



A strong collapsible box for shipping fancy eggs.

Size	Each	Doz.
15	20c	$2.00
30	30c	3.20
50	40c	4.25
100	60c	6.75

Master Breeders Chick Box


BABY CHICKS

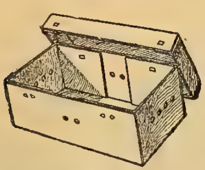
"It is important to have baby chicks arrive in a healthy condition. Baby chicks cannot be safely nor humanely shipped when jammed in "like sardines," nor—on the other hand—can they be allowed too much space.

The "Master" package is designed for comfort and safety of contents. It is protective, roomy, handsome—a safe, suitable "Pullman Car" for the fluffy youngsters within. The construction is exceptionally strong, light in weight and well ventilated through holes cut in both the body and cover.

Anderson "Master" breeder Chick Boxes are made correct to the sizes and specifications which have been approved by the International Baby Chick Association."

Size	Each	Per Doz.
25 Chicks, 11x 9x5½	15c	$1.25
50 Chicks, 18x11x5½	20c	1.80
100 Chicks, 22x18x5½	25c	2.50

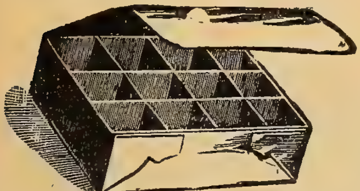
Andrews' Efficiency Baby Chick Carriers



Makes "Safe-chick-delivery guarantee" a safe thing for them and also pleases their customers when they see lively, healthy chicks arrive O. K. Isn't that exactly what you're after? "Ask the Judges."

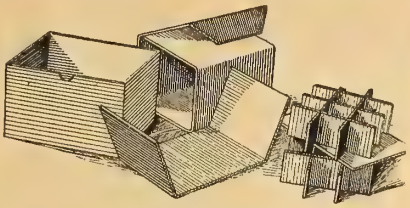
Size	Each	Per Doz.
25 Chicks	16c	$1.65
50 Chicks	23c	2.45
100 Chicks	35c	3.95

Square Deal Egg Boxes



This is an Ideal Box for handling retail Egg trade, presenting the goods to the customers in an attractive package with the minimum amount of trouble for the seller. They knock down in a very compact shape, and the prices which we name are extremely reasonable. One dozen size 15c per dozen. $1.00 per 100. $2.25 per package of 250. $7.50 per 1000.

Corrugated Parcel Post Egg Boxes

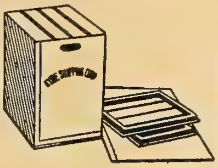


Size	Each	Per Doz.
1 dozen	8c	$ .80
2 dozen	11c	1.15
3 dozen	15c	1.55
4 dozen	16c	1.65
5 dozen	22c	2.20
6 dozen	31c	3.19
10 dozen	37c	3.75

HOW ABOUT THAT SHOW?

You'll Need a Shipping Coop

Eyrie Shipping Coop



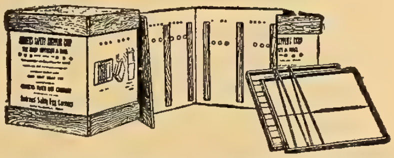
Made of corrugated pasteboard, will carry any distance, saves expressage and always delivers the contents in good shape. Shipped knocked down and takes up very little space in stockroom.

Eyrie Shipping Coops

Too large for mailing.

		Each	Doz.
A	12x16x18	$ .55	$5.50
B	12x18x22	.65	6.50
C	21x18x22	.80	7.75
D	20x22x22	.90	8.75
E	20x24x22	1.00	10.00

Andrews' Koop De Luxe

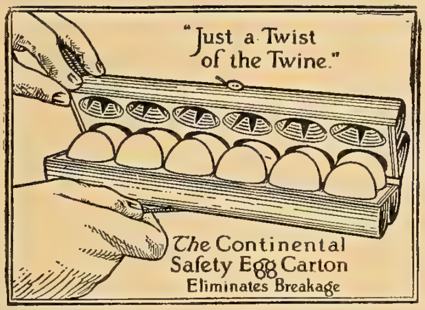


This is a specially constructed Koop fool-proof and extra strong, for shipping high-grade birds.

		Each
Single size	22x13x24	$1.00
Double size	22x19x24	1.25
Pen size	22x23x24	1.50

Safety First

How to Make More Money Out of Eggs


"Just a Twist of the Twine."
The Continental Safety Egg Carton
Eliminates Breakage

Pack them in Continental Safety Egg Cartons and cut out breakage—half your profit goes that way.

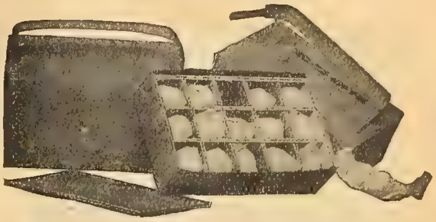
Save time—a twist of the twine and eggs are ready for the delivery basket.

Please your customers—Continental Cartons are neat and unique, clean and convenient.

Containers come flat, require no assembling, and take little room, a case of 250 slips under your counter.

Prices, 18c per doz., $1.25 per 100, $3.00 per 250, $11.50 per 1000.

Eyrie Egg Box



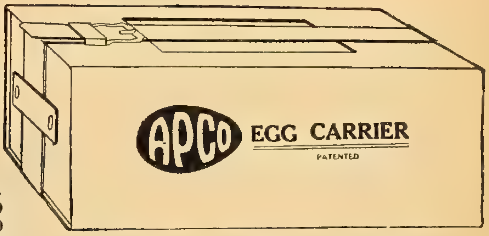
Has Self Locking Handles. Absolutely prevents pilfering or the substitution of other eggs. Also, handle makes an easily carried package and prevents putting anything on top of box, thus eliminating the liability to rough usage.

Eggs	Each	Doz.
15	25c	$2.50
30	30c	3.00

H. and D. Egg Boxes

Size	Each	Doz.
30 egg	15c	$1.50

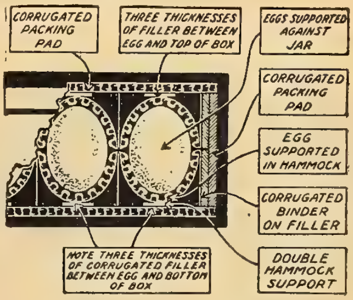
APCO Egg Carrier


APCO EGG CARRIER
PATENTED

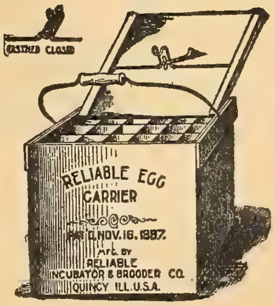
The APCO Carrier is built on a scientific shock-absorbing principle. The filler is manufactured of heavy material and is superbound and enclosed with three thicknesses of double-faced shock-absorbing corrugated paper, which forms a carton. This carton is protected and enclosed by a vulcanized fiber container. The material from which this container is made is manufactured under tremendous weight and pressure. This material has proven itself superior to either metal or wood for shipping containers.

By reversing the outside container the return address is brought to the top ready for reshipment.

The Carrier is held assembled by a leather strap and buckle, which also acts as a handle and as a guard to the address label.


CORRUGATED PACKING PAD
THREE THICKNESSES OF FILLER BETWEEN EGG AND TOP OF BOX
EGGS SUPPORTED AGAINST JAR
CORRUGATED PACKING PAD
EGG SUPPORTED IN HAMMOCK
CORRUGATED BINDER ON FILLER
NOTE THREE THICKNESSES OF CORRUGATED FILLER BETWEEN EGG AND BOTTOM OF BOX
DOUBLE HAMMOCK SUPPORT

Size	Each
2 doz.	$1.00
3 doz.	1.25
4 doz.	1.35


FASTENER CLOSED
RELIABLE EGG CARRIER
PAT'D NOV. 16, 1897.
MFG. BY RELIABLE INCUBATOR & BROODER CO. QUINCY ILL. U.S.A.

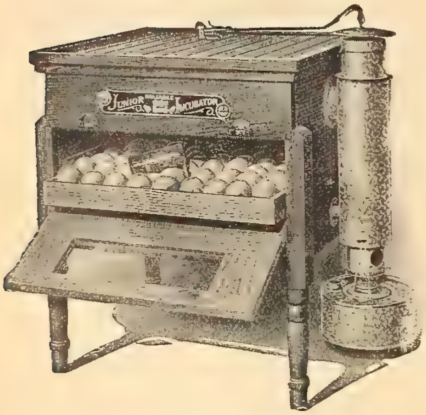
Reliable Egg Carriers

12 dozen size, with patent fastener, cover lift and bale.

Price, each, $1.00.

RELIABLE INCUBATORS—RELIABLE BECAUSE RIGHT

"THE INCUBATORS THAT HATCH"



Junior Reliable Incubator

Since 1882, when the first Reliable Incubator was put upon the market, it has continued to hold first place in the esteem of practical poultry raisers in all parts of the world. It came to the front not through extensive advertising nor loud puffing, but solely because it produced satisfactory results. The more people have investigated it and its record, the more they have been impressed with its worth, and the more unwilling they have been to experiment with machines which may or may not succeed. The new 1922 Line of Reliable Junior Incubators shown here are equal, if not superior to any similar priced machine that is now on the market.

The New Reliable Line of Junior Incubators

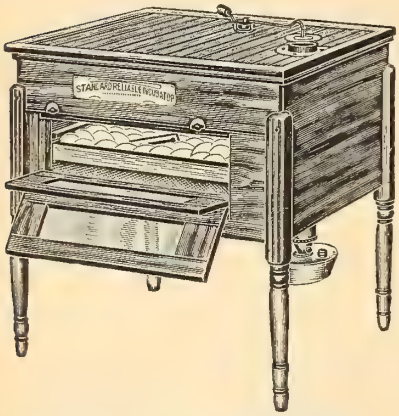
The Reliable Junior Incubator is finished in natural color with three coats of the best grade filler and varnish. Solid copper tank on all hot water machines. The heaters and lamps are made of steel. Equipped with positive regulators that are very accurate and easy to adjust. Nursery beneath egg tray for chickens to drop into after being hatched. Removable Nursery Tray.

We furnish everything necessary to operate our Reliable Junior Incubator with each machine without extra cost, such as lamp burner, wick, chimney, thermometer, egg tester and a positive self-regulator. We also furnish our double brass expansion plate or disk with each Incubator which is the most accurate and sensitive and the most costly wafer ever made and is furnished with our Reliable Junior Incubators of all sizes without any extra cost to the purchaser. All our thermometers are made of two year old seasoned tubes. See the dimensions and weights of all our Reliable Junior Incubators, they are made of the very best air dried lumber and will not warp or shrink and are furnished in natural color. All sizes of the Reliable Junior Incubator are made on the same style, the same thickness of the body, only difference is in the length and width of the machine to make it hold more or less eggs. Each and every Junior has a layer of Wool packing in the top, the ends and back, made with Single wall. This is one of the best Incubators and will give the best of satisfaction in hatching. Has all the latest improvements that you will find on our standard or best line of incubators and at less cost. They are true to their name "RELIABLE."

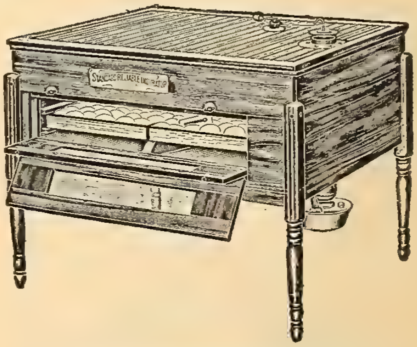
No.	Capacity	Kind	Size	Weight	Price
82	70 Egg Size	Hot Water	18x20x14 in.	53 lbs.	$16.50
84	125 Egg Size	Hot Water	24½x26½x14 in.	80 lbs.	27.50
86	225 Egg Size	Hot Water	30½x36½x14 in.	130 lbs.	36.75

OLD STANDARD RELIABLE INCUBATORS

DOUBLE WALL



No. 52, 140 Egg Size, Standard Reliable Incubators



No. 54, 240 Egg Standard Incubator

The Reliable has accomplished perfect ventilation by providing for a constant circulation of air throughout the machine (all heated to the proper temperature before entering the egg chamber), and to the rapidity of the movement of the air is due largely the success of the hatch and almost entirely the drying process of the moisture in the egg.

The Reliable Company have devoted their entire time and energy for forty years in studying the incubation and the poultry problem in its every aspect, and by experiment and experience have learned it. The Reliable has the only double heating system, thus having a double safeguard against sudden chills, and double economy of fuel.

It has an absolutely accurate regulator, which does not get out of order. It has a record for successful hatching. It is sold on a strong guarantee. Copper is used in all Reliable Hot Water Incubators.

No.	Capacity	Size	Kind	Weight	Price
50A	100 Eggs	13x23x29	Hot Water	75 lbs.	$28.00
52	140 Eggs	17x32x26	Hot Water	115 lbs.	37.00
54	240 Eggs	17x35x44	Hot Water	175 lbs.	51.50
56	350 Eggs	17x37x52	Hot Water	215 lbs.	63.00
58	450 Eggs	17x44x53	Hot Water	225 lbs.	74.00
78	680 Eggs	18x36x86	Hot Water	365 lbs.	122.00

New 1922 Reliable Standard Coal Burning Colony Brooder
Reliable Because Right

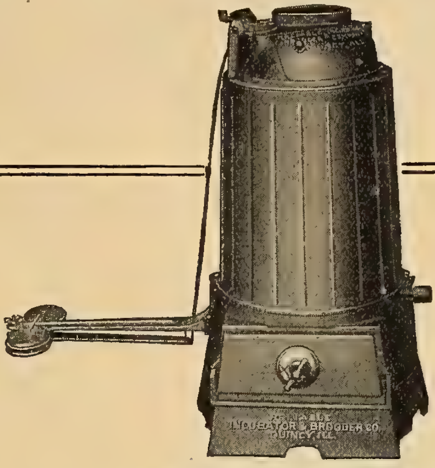
The New 1922 Reliable Standard Coal Burning Brooder is without question one of the most durable constructed brooders made and with ordinary care, it will last a lifetime. It is **Guaranteed to be the equal of any Coal Burning Brooder on the market, and is bound to give absolute satisfaction.** The Reliable Brooder appeals to the best judgment of the best poultry judges of the world. Moreover, it does its work to perfection in the hands of the most inexperienced operator. It is sold with that guarantee.

It Will Pay You To Get This New 1922 Brooder

It will pay you to have this new 1922 Reliable Standard Coal Burning Brooder. It has features and qualities that are not possessed by any other similar brooder and it is worth more to you on account of these improvements.

It Has a Pouch Feed Door

in the new designed top of the stove, which increases the coal capacity.



Feature of the Stove

Solid Gray Castings throughout. Has a fire-proof base that is seven inches high, with corrugated asbestos pad attached to lower plate and a one-inch air space between the pad and the floor. The fire bowl is wider at the bottom than at the top, this allows all the ashes to fall through the grates as quickly as they are formed, will not bank up against the side of the casting to absorb the heat and to burn out the casting, thus all the heat is radiated to the outside surface of the casting. For this reason it will furnish more heat unit with the same coal consumption, than any other similar brooder. This arrangement also makes it easier to clean.

The Stove Weighs Fully 15% More And Has 10% Larger Coal Capacity

than any similar stove of the same brooding capacity on the market. This does not seem of much importance but when you stop to think that this 10 per cent more coal will run this stove from two to four hours longer, it is an item worth considering.

Burns Soft Coal

Hard coal is best to use if it can be obtained, but this is not always possible, so to make this brooder adaptable to the use of soft coal, we have equipped it with a

Four-Inch Flue and a Screw Plate Draft

making it possible to burn soft coal without it clogging up or going out.

Prices of the Reliable Standard Coal Burning Brooder

No.	Size of Canopy	Capacity	Height	Diameter of Cylinder	Diameter of Grate	Shipping Weight Complete	Price Complete
9	42 inch	500 or less	22 inches	10 inches	9 inches	80 lbs.	$21.50
10	52 inch	1000 or less	26 inches	13 inches	11 inches	106 lbs.	26.50

All Coal Burners Shipped Complete Ready to Set Up and Operate

Specifications of the Reliable Standard Coal Burning Brooders

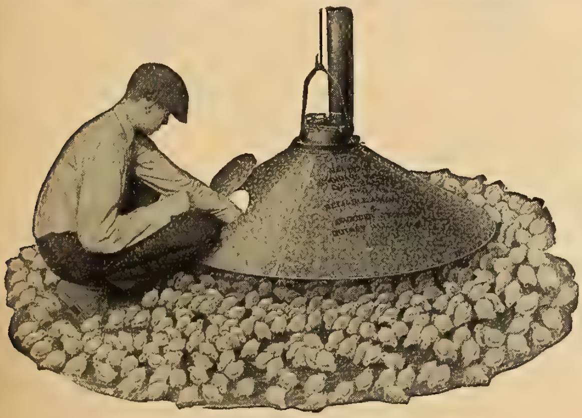
Stove—Solid gray iron castings throughout. Fireproof base with corrugated asbestos pad attached to lower plate and one-inch air space between pad and the floor.

Grates—Rocker furnace type made of solid castings. Outside clearance, free burning. Self cleaning and will not clog.

Check Valve—Hung on knife-edge bearings opening outward, thereby producing inward suction from outside atmosphere pressure.

Regulator—Two double brass disc thermostats, tandem hitched, supported on substantial casting that is bolted solidly to stove. Lower arm movable and attached to check valve by substantial iron rod. Chicken-proof, accurate and positive.

Hover—Galvanized steel mounted on a substantial ring casting that rests on top of stove. Molded to fit and cannot be displaced. Is constructed to throw the heat evenly to all parts and is self-ventilating and built to give service. Furnished complete with rope and pulleys for quick attachment.



Showing the Brooder in Action

The Latest Improvements and Patents

are found on the 1922 Reliable Coal Brooder, improvements that are for the betterment of this brooder in every way. We have spared no means to make it the best coal brooder it is possible to manufacture.

So Do Not Delay

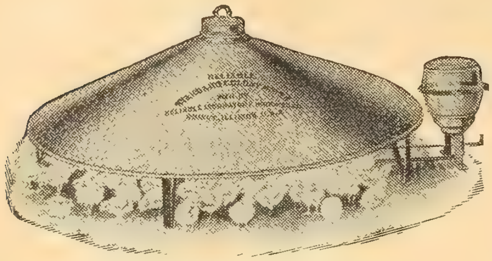
Order your brooder at once. We know that you will be satisfied with it in every way and that you will not regret your purchase.

NO MORE
CLOGGING OF
ASHES

EASY TO
SHAKE DOWN
AND CLEAN

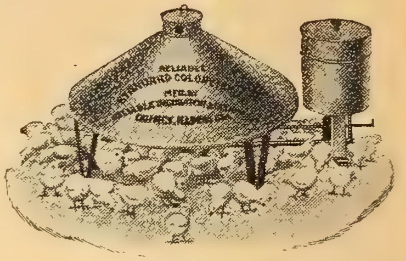
We Guarantee Satisfaction or Money Refunded

A Wonderful Revolution With Our New 1922 Reliable Positive Oil Level Standard Blue Flame Wickless Oil Heated Colony Hover



Cut Represents No. 0-1-2 Hovers

This New 1922 Reliable Position Oil Level Standard Blue Flame Wickless Oil Heated Colony Hover will save you time, money and trouble, and your chickens will grow faster, get heavier and will thrive because our hover will take the very best care of them and keep them comfortable and healthy. This without question is the most popular and most efficient hover we have ever manufactured. Just think of it—no **clogging** and stopping of the **oil—valveless,** cannot **overflow** and the many other features as stated. The workmanship on these hovers is perfect.



No. 00—22-Inch Hover

SOME OF THE PRINCIPAL FEATURES

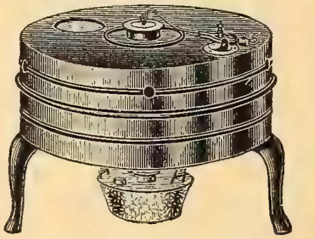
Blue Flame Oil Heated Hover

BURNS COAL OIL OR KEROSENE
STEADY BLUE FLAME
COMFORTABLE AND EASY TO OPERATE
ECONOMY OF OPERATION
SIMPLE IN CONSTRUCTION
WORKS ON AN OIL LEVEL
NO WICK TO TRIM
ABUNDANCE OF HEAT
NO OIL FUMES
CONVENIENT AND SAFE
NO COAL, SMOKE OR GAS
NO OVERFLOWING OF BURNER

No Cold Corners. Valveless—No Clogging or Stopping of Oil Flow

Prices, Sizes and Shipping Weights of Our Reliable Standard Blue Flame Wickless Self-Feeding Coal Oil Heated Hovers

No.	Size Hover	Capacity	Price Heater Only	Price Canopy Only	Weight Complete	Price Complete
00	22 inch	100 Chicks or less	$ 7.25	$ 3.15	24 lbs.	$10.00
0	30 inch	350 Chicks or less	10.50	3.45	50 lbs.	17.50
1	42 inch	500 Chicks or less	11.30	10.40	58 lbs.	18.50
2	52 inch	1,000 Chicks or less	13.35	14.35	65 lbs.	21.50



50-Egg Size—All Metal Little Baby Grand Incubator

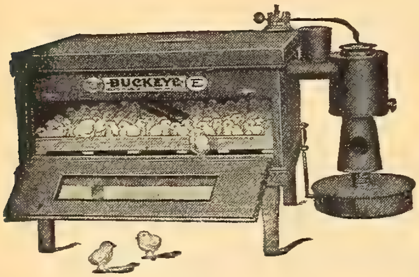
Our Little Baby Grand Incubator

Unique and superior in its construction. Beautiful in its appearance. Excellent in its hatching qualities and the most reliable and easiest operated small incubator ever offered to the trade. It has a glass window in top, so thermometer and chickens can be seen hatching without opening machine. It has a positive heat and moisture regulation, and is equipped with a moisture receptacle for applying additional moisture when needed. Has double top, well insulated and packed; double side walls, with a free circulation of hot air between the walls all the time, making an equal distribution of heat through the machine. The ventilation is perfect, supplying warm, fresh air to all parts of egg chamber at all times.

50-Egg Size—Price $7.50

"Buckeye" Incubators

The Buckeye Incubators are sold under an iron-clad GUARANTEE to hatch a chick from every hatchable egg. This is the guarantee the makers give with every machine sold.



No. 14
Style E

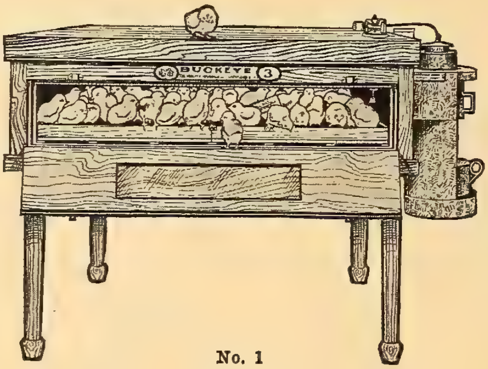
Weight, crated for shipment, 56 Lbs.

Capacity, 65 eggs. Price $16.50.

No. 14 is especially adapted for use by the small raiser. It has all the important features of the larger machines, such as visible thermometer, and the Buckeye heating and ventilating system. The temperature is easily regulated and the consumption of oil is low.

No. 16, Style E. Capacity, 110 eggs; weight, crated for shipment, 90 pounds. Price $27.50. This machine is the same as No. 14, except that it has a greater egg capacity and long legs instead of short ones.

No. 17, Style E. Capacity 210 eggs; weight, crated for shipment, 132 pounds. Price $36.75. Same as No. 16, except that it has greater egg capacity.

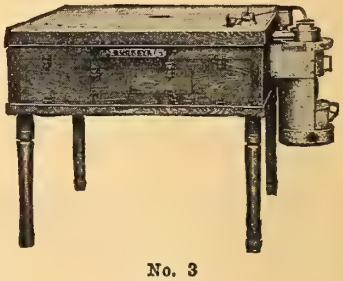


No. 1
Standard
110 Eggs
Price $37.50

No. 1 Standard has a capacity of 110 hen eggs, or 85 duck eggs. It is complete in every detail, and is ready for immediate use. The weight, crated for shipment, is 104 pounds. This incubator is insurable, and bears the Underwriters' label. An improved feature of all Standard incubators is the enclosed lamp. Equipped with oil or gas heater.

No. 2 Standard has a capacity of 175 hen eggs or 140 duck eggs, is equipped with oil or gas heater, and is complete and ready for use. Weight, crated for shipment, 129 pounds. This machine is insurable, and bears the Underwriters' label. Price $44.50.

No. 3 Standard has a capacity of 250 hen eggs or 200 duck eggs, is equipped with oil or gas heater, and is complete and ready for use. Weight, crated for shipment, 170 pounds. This machine is insurable, and bears the Underwriters' label. Price $57.75.



No. 3
Standard
250 Eggs
Price $57.75

No. 4 Standard has a capacity of 350 hen eggs or 280 duck eggs. Equipped with oil or gas heater, and is ready for use. Weight, crated for shipment, 206 pounds. Insurable, and bears Underwriters' label. This machine is very convenient for the commercial raiser. Prise $68.00.

No. 5 Standard (Mammoth Standard). Capacity, 600 hen eggs or 480 duck eggs. Outside dimensions, 54 inches square, 36 inches high. Equipped with four egg trays, holding 150 eggs each. Double doors on front and back; oil or gas heater. Complete and ready for use. Bears Underwriters' label. Weight, crated for shipment, 314 pounds. Price $107.00.

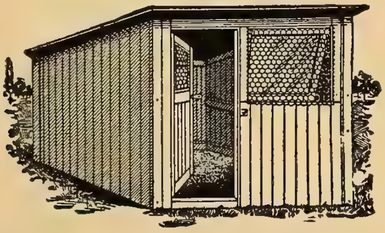
NO. 8—BOLGIANO'S "SQUARE-DEAL" COMBINED LAYING AND SCRATCHING HOUSE

Capacity, 12 Birds

Price Complete, $30.00, F. O. B. Baltimore, Md.
Weight, Crated for Shipment, 325 Lbs.

This house is 68 inches long, 35 inches wide, 44 inches high in front and 32 inches high in back. Scratching house same size, only 8 inches lower—both together making a house nearly 12 feet long. Roof is hinged, so you can care for your birds from front or back. With a house of this kind the scratch house can be altered from one end to the other. These houses are shipped knocked down; easily put together. This house is equipped with patent back with dropping board and roost for cleaning and airing.

NO. 6—BOLGIANO'S "SQUARE-DEAL" COMBINATION OPEN AND CLOSED POULTRY HOUSE



Six (6) Feet Wide, Eight (8) Feet Deep and 6½ Feet High Front.
Price, F. O. B. Baltimore, Md., $41.00.
An Extra Charge of One Dollar Will Be Made for All Local Deliveries.

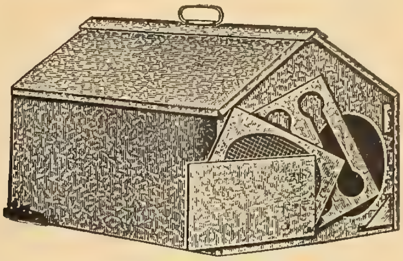
This house has for years been our largest seller. It is an ideal house for the man with thousands of birds as well as the man with a small flock.

We had these houses especially built for us. They are made of ⅞-inch pine boards, planed on both sides, tongued and grooved. We supply the best grade of three-ply roofing paper for covering the roof. The house is complete with two roosts, dropping board and four nests.

This house is six feet wide, eight feet deep, six and one-half feet high in front and four and one-half feet in back. Roof has a 3-inch overhang. The front is boarded up three feet, thereby avoiding any direct wind or storm striking the birds, the upper half being wire and a hinged frame to cover with oiled waterproof sheeting, which can be closed on cold nights and stormy weather. This gives the open-front feature with plenty of fresh air, at the same time keeping the birds protected from the weather. These houses are shipped knocked down, and they are easily put together in an hour's time. Shipping weight, 575 lbs.

Forty-two of this style house are used by the New Jersey Experimental Station at New Brunswick, N. J.

The Delphos Superior Galvanized Brooder Coop



A Perfect Brooder Coop

Packed flat and can be put together without any tools.

The bottom can be removed in an instant to be cleansed.

All Parts slide together in a bead and coop is perfectly rigid.

Can be taken apart and packed away flat, occupying very little space when not in use.

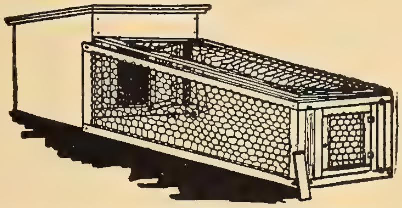
Rat and vermin proof.

A perfect shelter for hen and young chicks.

Size 18 inches wide, 22 inches long, and 18 inches high.

Price **$2.50**

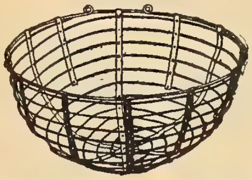
NO. 15—BOLGIANO'S "SQUARE-DEAL" BROOD COOP AND YARD



Price Complete, $5.75, F. O. B. Baltimore, Md.
Shipping Weight, Knocked Down, 45 Lbs.

This coop is made of ¾-inch pine lumber, planed and tongued and grooved. It is 21 inches wide, 22 inches from front to back, 22 inches high in front, 14 inches in back. The roof is hinged and covered with high-grade roofing paper. The wire run is 38 inches long by 21 inches wide and 16 inches high, and is covered with a hinged wired frame. There is a door in both the coop and the run, so arranged that you can let the chickens out and keep in the hen. The coop and run together is five feet long.

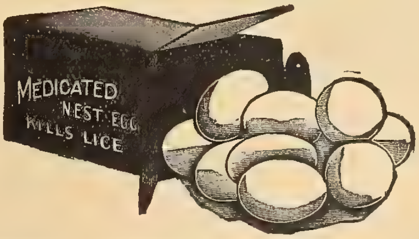
Wire Nests



These nests are strongly made of Copper wire and strongly braced and will not get out of shape like other nests on the market. Price 25c each. $2.50 per doz.

Mailing weight, 1 lb. each.

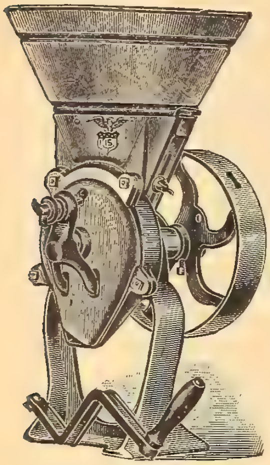
Medicated Nest Eggs



They contain a powerful disinfectant, which is guaranteed to drive out all lice and vermin. Each, 6c. Doz., 60c. Not postpaid.

Opal or China Nest Eggs

White flint, will last a lifetime. 4c. each. 2 for 7c. 12 for 35c.



Power Mill No. 15

"Red Chief" Corn Sheller

This is our Famous No. 20 Grinding Mill with Sheller and Meal Attachment.

One man with a two-horse engine can shell and grind twelve bushels or more of feed per hour, and while grinding feed save all the Table Meal he can use.

A Hand Crank with every Sheller enables the operator to shell Seed Corn by detaching sprocket chain and reversing spout.

These devices can be attached to any No. 20 Mill now in use by any farmer. You can buy any or all of these attachments, each being detachable.

Price Mill	$20.00
Price Stand	3.25
Price Separator	5.50
Price Power Sheller	8.00
Total	$36.75

The "Red Chief" Power Mill No. 15

PRICE $14.50

For Engine Three-Quarter Horse Power and Over

The best Power Mill on the market.

It has best Bronze Boxes, Steel Axles—in fact, all of the good features of the No. 20, except that it has no loose pulley and the capacity is not so great.

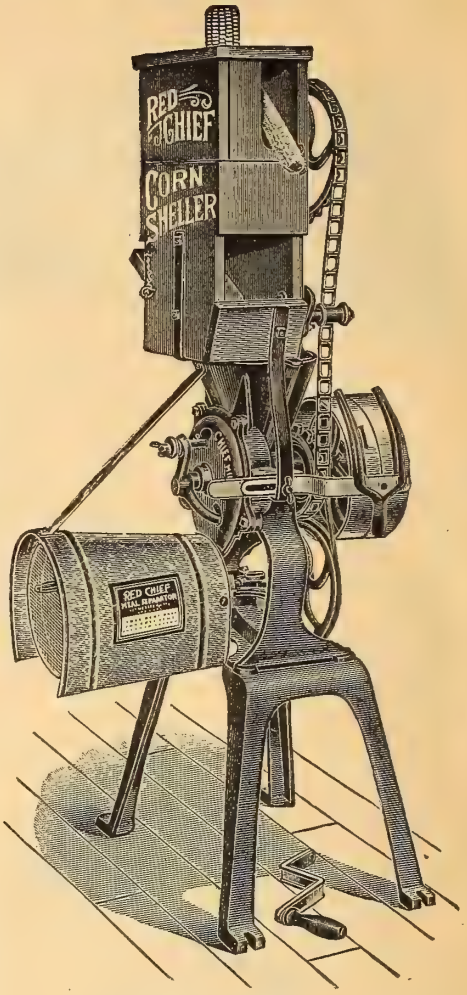
It can be run easily with a crank
when engine is not running
Capacity, 5 to 8 Bushels Feed per Hour

The "Red Chief" Power Mill No. 20

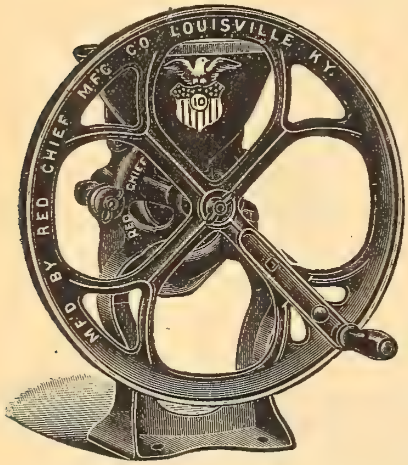
PRICE $20.00

For Grinding Corn Meal, Graham Flour, Stock Feed, etc.

With a speed of 300 to 450 revolutions per minute will grind 10 to 20 bushels feed per hour. Power required, 1½ to 2 horse power engine. Hand crank for use when engine is not running. A child can grind a bushel of chicken feed by hand in 10 minutes. Patent tension for regulating size of ground material, making change of Burrs unnecessary. Tight and loose pulley, 10 inches in diameter, 2¼-inch face. Reversible belt shift, Feed Regulator. All bearings Bronze Bearing Metal. Weight, crated, 100 pounds. Painted red and blue with bronze trimmings.



Red Chief Corn Sheller


MF'D BY RED CHIEF MFG CO. LOUISVILLE KY.
RED CHIEF
10

The "Red Chief" Mill No. 10

No. 10—PRICE $9.00

Capacity, 2 to 4 Bushels per Hour

Equipped with extra-hardened burrs. Burrs are self-sharpening; they cut—do not mash.

Grinds Coffee, Chicken Feed, and cracks Peas, etc. Will make good Corn Meal and Graham Flour. Can be cleaned and adjusted in a moment's time without the use of a wrench.

For Grinding Small, Dry Grain

It has beautiful outlines, and makes an excellent Coffee and Spice Mill for grocers' or family use, as well as being a very rapid grinder of Chicken Feed or Meal; also Oyster Shells and Dry Bone.

Hopper White Enameled Inside

Feed Gauge in Hopper

New Fine Grinding Burrs

The only line of Mills that can be taken apart, cleaned and put together in a few minutes without wrench or screwdriver.

The "Red Chief" Rapid Grinding Feed and Grist Mill No. 5

A Perfect Hand Power Grinding Mill

PRICE $7.25

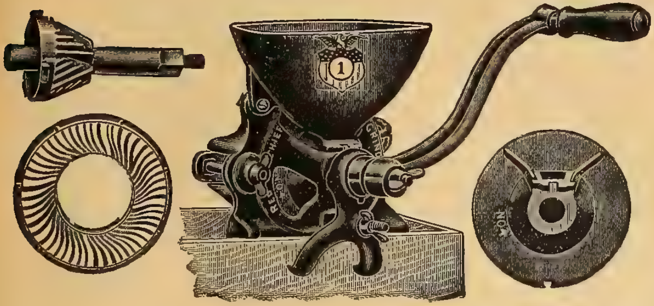
The flywheel makes the Mill run steady and with the least possible power to turn it. With the crank extended there is no Mill that will run as easy.

Feed Gauge and New Fine Grinding Burr in This Mill

Hopper White Enameled Inside

No Wrench or Screwdriver Needed for Adjustment

The "Red Chief" Rapid Grinding Mill No. 1



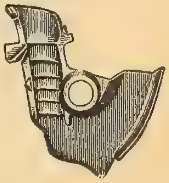
No. 1—PRICE $3.75

Just the Mill for small poultry raisers.

Clamps or bolts to box, as desired. Has hooks on which to hand a bucket.

Can be cleaned and adjusted in a moment's time without the use of a wrench.

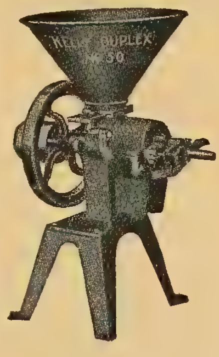
An ideal Mill for cracking grain of any kind for poultry. It combines all the elements of rapid work, perfect grinding, and requires little power.



Pop Corn attachment will shell any size ear of Pop Corn.

PRICE 50c

Kelly-Duplex No. 50 Mill



This mill is designed to meet a rapidly increasing demand for a reliable and practical small mill suitable for light power gas engines or motors 1 to 3 H. P.

The mill has Duplex Grinding burrs, Perfect Regulating Device, Feed Slide and Quick Release. Lever, same as the larger mills.

Grinds small grain only or shelled corn, but is simply a wonder for a mill of this size. Will it grind oats?—Yes.

Price, crated, $15.00.

Improved "Red Chief"

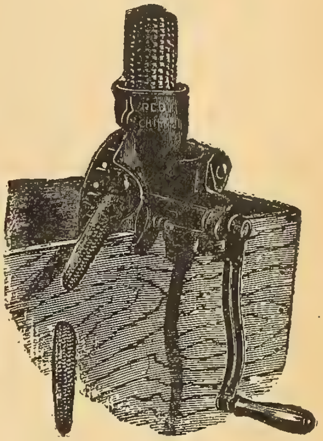
Hand Corn Sheller

PRICE $2.70

Is Guaranteed to Do As Good, if Not Better, Work Than Any Other Sheller on the Market

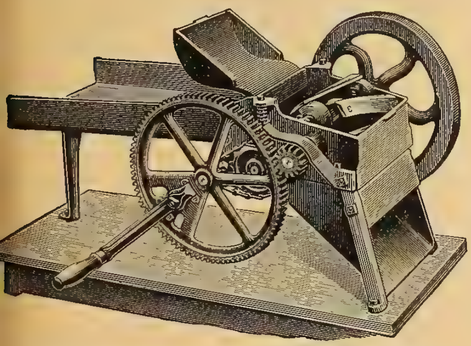
Has patent oval-shaped teeth, shelling the corn without cracking the grains. Only Sheller safe to use for shelling seed corn. Shells clean, taking off less chaff than any other Sheller. Cold rolled steel axle with 4½-inch bearing in hub, preventing rapid wear. Throws the cobs outside every time. Clamps on barrel or tub as well as on box. Closed hopper, making it impossible to pinch hands. Requires no wrench. Tension directly on cob, not on hopper, which makes Sheller run very easy, no force being required to expand a hopper.

The Only Sheller That Will Successfully Shell Pop Corn



"New Model" Clover Cutter

For Poultry



Removable Steel Knives—Adjustable Cutter Bar—Runs Easy—Cuts Fine—Is Durable

The "New Model" Clover Cutter cuts either **green or dry** such growths as clover, alfalfa, vegetable tops, etc., into ⅛-inch lengths. These growths are the cheapest and most productive egg-forming poultry foods for cold weather. They return big profits when reduced to a fine, easily digested mass.

The Cutting Mechanism is the most vitally important part of a Clover Cutter. The radically different construction of the "New Model" admits of perfect cutting at all times, because the cutter bar is adjustable and easily accessible, and the four 7-inch spiral steel knives can readily be removed for sharpening. Those who are familiar with the "ordinary" Clover Cutter construction will appreciate these improvements.

The "New Model" is made only of iron and steel, from entirely new patterns. It is a strong feeder, has large capacity, runs unusually easy and will do perfect work indefinitely.

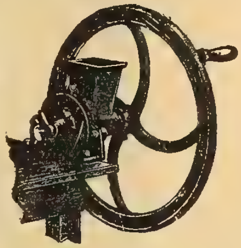
The machine is intended to be mounted on a box or bench at any height to suit the operator.

Length over all, 28½ inches. Weight, knocked down, 70 lbs.

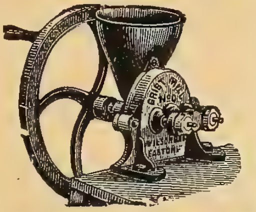
Price, F. O. B. Baltimore...............$21.25

Wilson's Hand Bone Mill

This mill is intended for grinding oyster shells, dry bones, old crockery, crack corn and other coarse feed for chickens. Not intended for green bone. Weight, 30 lbs. Price, $6.75. With Stand, $9.45.



Family Grist Mill



Especially made for grinding Graham Flour, Rice, Corn Meal, etc., for table use. Can also be adjusted in a second for cracking the grain if desired. Granding plates, when worn out, can be replaced at a small expense.

Price without stand, weight 29 lbs........	$6.75
Price with stand, weight 58 lbs..........	9.45

The Gem Clover Cutter

Cuts Fine, Even and Easily, in lengths of about ¼ inch. A thoroughly first-class machine in every particular, built of steel and iron throughout. No pains have been spared to make it absolutely the best cutter for the poultryman.

Price, $12.50
With Iron Legs.
Weight, 78 lbs.

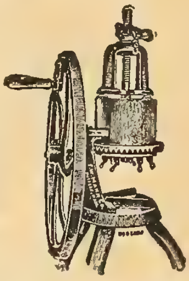
Illustrations Sent on Request

Mann's Green Bone Cutters

The Laying Hen is the Paying Hen.

The poultry raiser wants eggs, and wants them when eggs are worth the most. Green bone and raw meat produce them.

The Mann Green Bone Cutters surpass all others in easy and rapid cutting. They feed automatically and leave both hands free to operate; the feed regulates the power required, so that it cannot run hard. The feed screw is large and has a coarse thread that will not wear out nor crush nor break. The gears are guarded so that they cannot clog. The cylinder has been enlarged so they can take in a good-sized bone. They have adjustable steel knives, are strongly built and will not break or wear out.



No. 5-B—With Balance Wheel...........	$12.50
No. 5-BM—With Balance Wheel and Iron Stand	16.00

Mann's New Model Bone Cutter No. 7

Intended for flocks of 50 to 200 hens. Mounted on strong iron stand with large table for box or pan to receive cut bone.

Weight, 107 lbs. Capacity, ½ to 1 lb. per minute. Price...................$18.50

Mann's New Model No. 7½

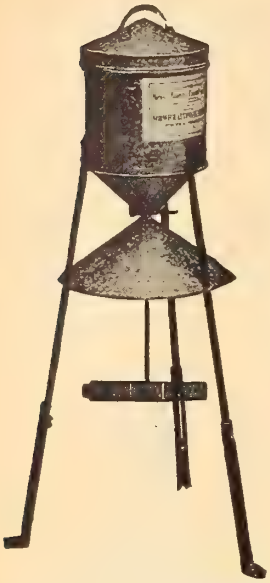
Combination hand or power Bone Cutter.

Weight, 150 lbs. Capacity, 50 to 100 lbs. per hour. Horse power required, ½ to 1.

Price $25.00

Illustrations Sent on Request

The Norwich Automatic Feeders



Norwich Automatic Feeder

In offering THE NORWICH AUTOMATIC EXERCISE AND FEEDER we wish to state, after an exhaustive study of the automatic feeding of poultry, **and with thousands of our machines in constant use in every part of the civilized world,** that our Feeder is as near perfection as human intelligence, coupled to a long experience in poultry raising, can produce it. Every detail from the operation and construction of the Bait Bar to the form and construction of the cover of the Hopper has had our undivided attention, and the whole machine may be relied upon as fulfilling every requirement of the much-desired device for the automatic feeding of poultry.

The machine consists of a Hopper sufficiently large to carry a given quantity of grain feed, in the bottom of which is fitted an adjusting valve, which is set to allow such quantities of feed to escape from the Hopper as may be desired. Directly under the valve is located the Deflector and the feed, passing from the Hopper through the valve, falls at once to the Deflector and by it is scattered on the ground or floor in a wide even circle.

The Bait Bar (which is the cross piece under the Deflector resembling an ear of corn) is connected by adjustable rod with a small agitating disk which performs the double duty of acting as a stop to the valve, and stirring up the feed about to be delivered. The machine, as will be observed, is mounted on three adjustable iron legs, so it will stand in any yard, whether level or located on a hillside, and may be used alike for baby chicks fresh from the incubator or the adult fowl by simply lengthening or shortening the legs as desired.

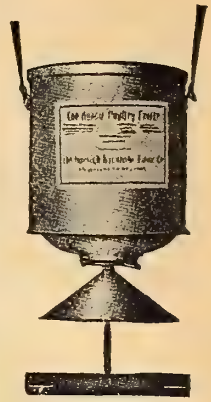
PRICE LIST

Norwich Automatic Exerciser and Feeder

F. O. B. Baltimore

No. 1—8-Quart Hopper, actual shipping weight 13 lbs.	$5.00
No. 2—14-Quart Hopper, actual shipping weight 15 lbs.	5.50
No. 3—20-Quart Hopper, actual shipping weight 20 lbs.	6.50
No. 4—32-Quart Hopper, actual shipping weight 27 lbs.	7.50

There is probably nothing in poultry accessories that has attracted such universal interest or that has been so widely and so quickly adopted as the system of automatic feeding, though it is not at all surprising, for naturally any device applying to any business which effects a saving of 25 per cent in the raw material (in this case, grain) and reduces labor fully one-half, would find a ready market in any line.



Apaco Feeder

Apaco Poultry Feeder

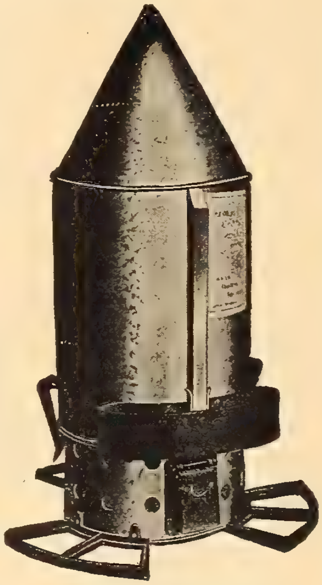
which is general design is built on the same lines as our well-known and justly famous Norwich Automatic Exerciser and Feeder, but is a hanging machine rather than arranged with adjustable standard.

Constructed of 28-gauge Galvonized, Tight Coated Sheeting, malleable and gray iron castings for the Valves, Agitators, Collars, etc., and the workmanship of the highest possible character, we unhesitatingly guarantee our **APACO FEEDER** as the best machine ever placed on the market at its price, and offer it under the same guarantee that covers all our goods.

PRICE

Made in one size only, 9 quarts capacity........................$2.00

F. O. B. Baltimore. Shipping weight, 5 Lbs.



Norwich Automatic Air-Lock Fountain

The Norwich Automatic Air-Lock Fountain

How to supply water to the poultry house during the winter months has been one of the problems which has confronted the poultrymen for years, for there is perhaps nothing more discouraging than to fill the drinking vessels, with all the accompanying discomforts of carrying water in cold weather, and then have the fountains freeze almost before we finish the task, and it has been the experience of many poultrymen that their birds have been without water for most of the day in consequence.

One of the many features of **THE NORWICH AUTOMATIC AIR-LOCK FOUNTAIN** is the freedom from constant care and cleaning. The water within the reservoir is always fresh until used, exactly the same as it would be were it in a corked bottle or pneumatic tank, and to clean the slime accumulation which is always present where water is stored it is but necessary, perhaps but once a month, to put a solution of caustic soda and water into the reservoir, rinse it, and the inside of the vessel will be found perfectly clean and bright, thus obviating the necessity of constant cleaning, which is the case in almost every type of fountain on the market today.

PRICE

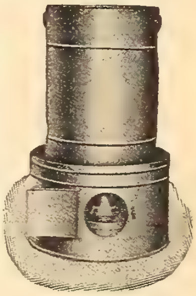
Made in one size only, 5 gallons capacity.

Shipping weight, 14 Lbs.

Complete with Burner Base	$6.00
Without Burner Base	3.50
Base only	3.50

F. O. B. Baltimore.

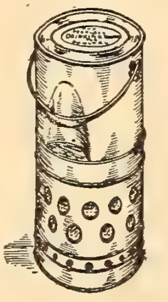
Non-Freezable Fountain and Heater



This fountain can be used in the mid-winter with no danger of the water freezing, and also is a good heater to keep your poultry house warm, to increase egg production. It is equipped with an oil lamp with our special burner that needs no chimney; large lamp fount furnishes oil 48 hours. It can be used in summer as well by putting lamp in position, but do not light it. They are made in two sizes—4-gallon size and 8-gallon size. The 8-gallon size is large enough for 80 to 100 fowls. The 4-gallon size is large enough for 40 to 50 fowls. There is no danger of fire. No dirt or litter can be scratched in fount. They are positively sanitary and clean.

Size	Weight Crated	Price
4 gallon	12 lbs.	$5.50
8 gallon	18 lbs.	6.50

Peerless Fountain and Heater

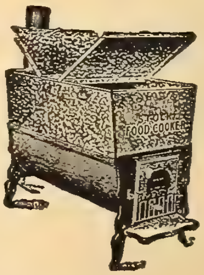


The Peerless Combination Fountain and Heater is very popular for winter use. It requires a very small quantity of oil to keep the drinking water warm at all times. It is made in two sizes.

5 qt. size fountain, weight 3 Lbs.	$1.00
10 qt. size fountain, weight 4 Lbs.	1.25
Peerless Heater, fits either size, weight 3 Lbs.	1.75

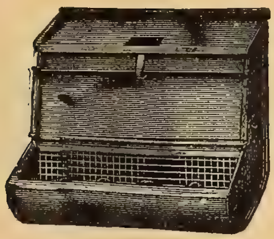
Reliable Stock Food Cookers and Water Heater Combined

The cheapest and most durable cooker on the market. In feeding cooked food to your stock they will obtain quick growth and greater size and you will be able to get them ready for early market. Stock will also be more productive.



Size	Price
20 gallon, wood only	$14.00
35 gallon, wood only	16.50

The Improved Handy Hopper



The Improved Handy Hopper is made of galvanized iron throughout. All parts are spot welded together. It is provided with hinged lid over both hopper and trough, making it rat and mouse proof, as well as dirt proof.

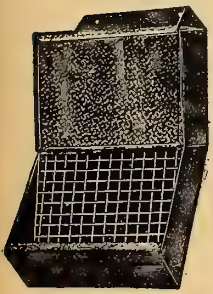
It is provided with a swinging front, adjustable to suit any kind of dry mash and which eliminates any possibility of clogging.

Hopper is 15 inches in height and 4½ inches in width and made in four lengths.

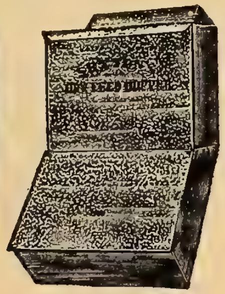
No. 1, 12 in. in length	$1.75
No. 2, 18 in. in length	2.25
No. 3, 24 in. in length	2.50
No. 4, 36 in. in length	3.75

Mailing weights, 6, 8, 12 and 16 Lbs.

Sexton Dry Feed Hopper



Open

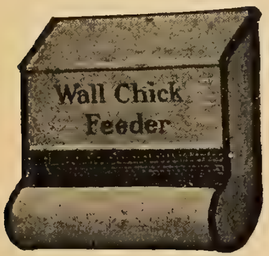


Closed

No waste, no dirt and Rat Proof. Food is always before fowls.

	Each	Mailing Weight
½ Bushel Size	$1.75	7 lbs.
1 Bushel Size	2.75	12 lbs.

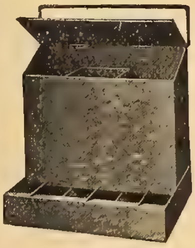
Wall Chick Feeders



These are made in two sizes, ten inches long and twenty inches long. The sloping top prevents the chicks from roosting on it and a wire screen prevents chicks from wasting the food. This is an entirely new invention and has proven its worth and efficiency among the largest chick raisers in the world. 10 in., $1.15; 20 in., $1.45.

Mailing weights, 3 and 5 Lbs.

1-2-3 Poultry Feeder



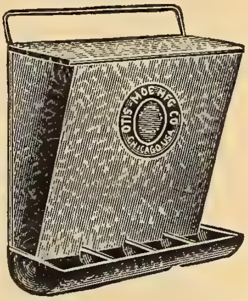
1-2-3 Feed is used for dry mash, scraps, shells, grit, charcoal or any poultry feed.

When used for one kind of feed only, take out separator; two kinds, put separator in one end. When used for three kinds, say scraps, shells and grit, put separator in middle and you have three separate feeders.

No. 1, small size	85c
No. 2, large size	$1.45

Mailing weights. No. 1, 3 Lbs.; No. 2, 5 Lbs.

Moe Shell and Grit Box No. 9

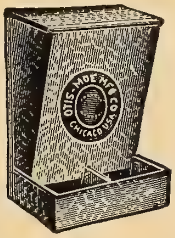


Grit, shell and charcoal have now become a recognized essential part of the diet insuring healthy fowls. They cannot be more economically supplied than in one of our inexpensive compartment boxes. Can also be used as a feed hopper for little chicks. Made of heavy galvanized iron.

Mailing weight, 4 Lbs.

Price $1.00

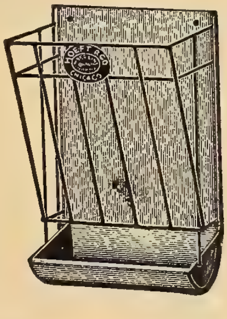
Grit and Charcoal Box for Baby Chicks



No. 45—Two compartment, square bottom grit and charcoal box for baby chicks.

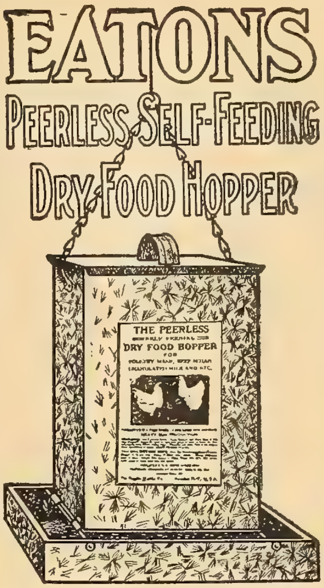
Mailing weight, 2 Lbs. Price, 45c each.

Moe's Hay and Feed Rack



For holding Roots or Hay, Alfalfa, Clover, etc. It prevents scattering and wasting of green foods. The round trough at the bottom catches the small, tender leaves. The feed saved soon pays for the rack.

No. 44—Mailing weight, 2 Lbs Price, 70c.



It is the only hopper that is absolutely ratproof all the time, day and night, which needs no attention except refilling when empty.

It is the only hopper that will feed grains, dry mash, beef scrap, etc., with equal facility, as it has an unobstructed feed outlet.

With this hopper the fowls positively cannot waste the feed, as they have to exercise for every mouthful they get, though the food is freely before them all the time.

It occupies neither wall space nor floor space, and is never in the way of the fowls, though always convenient to them.

The design of this hopper makes it impossible for fowls to roost on it.

Your fowls are kept ever active and healthy, which ensures heavy egg production. They are obliged to work for their food, and it's a well-known fact that the working hen is the laying hen. This hopper makes them work even when cooped up in winter, and consequently assures you of a steady supply of eggs when prices are high.

An automatic pulley is supplied with every Peerless Hopper, which can be easily attached to any style of roof. This pulley grips the cord and holds the hopper at any desired height.

Fill the hopper with dry mash or grain and hang it well above the floor or pen, high enough to compel the birds to arch their necks in order to reach the feed.

Sizes and Prices

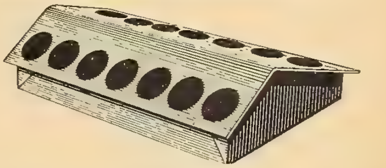
Small, 8 qt. size for 10 to 15 birds	$1.75
Medium, 16 qt. size for 15 to 30 birds	2.50
Large, 32 qt. size for 35 to 50 birds	3.50

Mailing weights, 4, 6 and 8 Lbs.

Chick Feed Troughs

These troughs are very convenient for feeding flocks of growing chicks.

The trough is made on a half circle, so that every bit of feed can be easily eaten out of it.



Made in two sizes, 10-inch, 14 holes, and 20-inch, 26 holes.

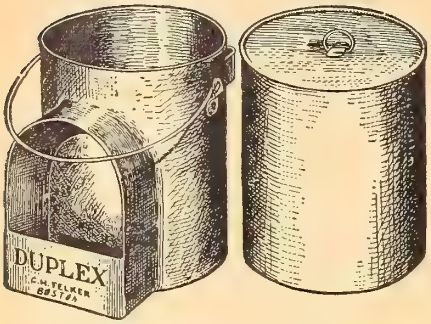
10-inch trough with grate..................35c

Shipipng weight, 1½ Lbs.

20-inch trough with grate..................60c

Shipping weight, 2 Lbs.

The Duplex

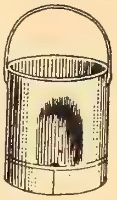


Top Section Slides Into Bottom Section

The latest and most practical sanitary fountain on the market. This is a double fount, keeps the water clean and pure. Easy to fill. Easy to care for. Made in two sizes, 4 and 8 quarts. Try a Duplex. 4-qt., $1.25; 8-qt., $1.50.

Mailing weights, 3 and 4 Lbs.

The Peerless Fountain

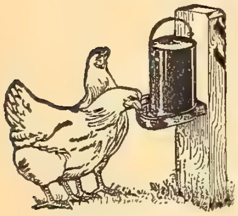


The Peerless is the all-right fount. The water is always pure; it is protected from dirt and filth. The fowls cannot injure their combs while drinking; easy to fill and easy to clean.

5-qt. size, $1.00; 10-qt. size, $1.25.

Mailing weights, 3 and 4 Lbs.

Keystone Fountain



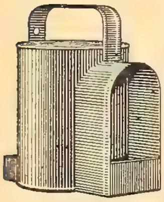
Fountain in Use

Keystone Fountains will keep your stock supplied with clean water at all times at a very little trouble to you. They are made of heavy material and galvanized, superior workmanship. Easy to clean, easy to fill; pan hinged to tank.

Price, 1-qt. size, 50c; 2-qt. size, 70c; 4-qt. size, $1.00. 8-qt. size, $1.25.

Mailing weights, 1, 2, 3 and 4 Lbs.

Sexton Heavy Wall Fount

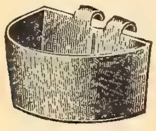


These are made of No. 28 gauge steel and are much better and stronger than most other fountains of this style now on the market. A hood over the trough prevents dirt from getting into water.

2 qt., 60c.; 4 qt., 80c.; 8 qt., $1.00.

Mailing weights 2, 3 and 4 Lbs.

Moe's Feed and Water Cup

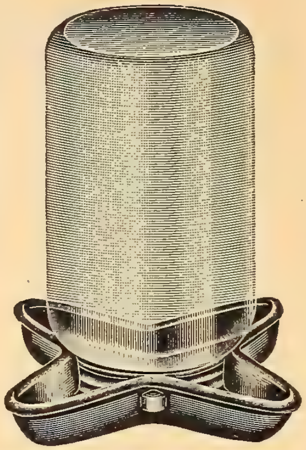


For Exhibition Cages or Hutches

Made of galvanized iron. Easily hung on the side of the Hutch or Exhibition Cage.

No. 61—Mailing weight, 1 Lb. Price, 20c.

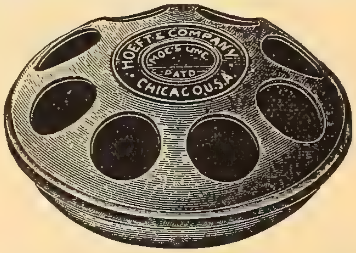
Moe's Star Jar Fountain and Feeder Patented



The most simple, practical and durable Mason jar fount on the market.

No. 32, 10c each, without the jar (two) postpaid, 25c.

Moe's Round Baby Chick Feeders



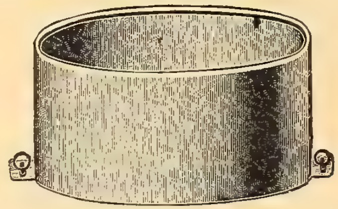
Pure food for the baby chicks. A great feed saver, as the little chicks cannot get into it and contaminate the feed. Cannot be upset. Can also be used for water or milk. This is a practical, well-made feeding device that will last for years. Manufactured in two sizes.

No. 11—6 inches in diameter, 8 feeding holes, each, 15c.

No. 12—8¼ inches in diameter, 12 feeding holes, each, 25c.

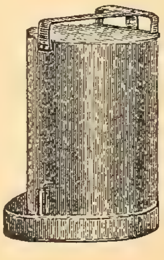
Postage, 7c extra.

Moe's Feed and Water Dish



Made of galvanized iron. Rolled-in top prevents wasting. Dish held to the floor of Rabbit Hutch by a simple locking device and easy to remove for cleaning. Impossible for stock to tip over.

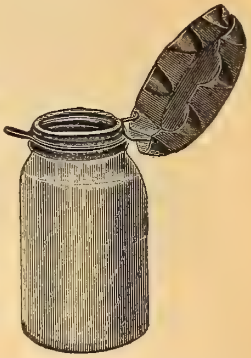
No. 46—Mailing weight, 2 Lbs. Price, 20c.

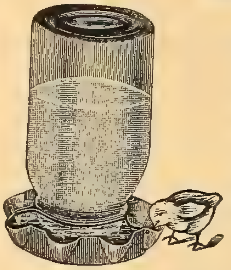


Improved Drop Bottom Fountains Single Wall

The pan, which forms the trough, is hinged at the back and fastened by a catch in front. The flat back allows the fountain to be firmly placed against the wall and the drop bottom enables the fount to be thoroughly cleaned and kept in a sanitary condition. 2 Qt. size $1.00. 1 Gal. size $1.25.

Automatic Fountain and Chicken Feeder



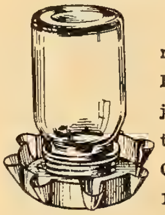


This appliance for chicks feeds water, grain, grit, etc., automatically. It is an absolutely sanitary fountain, made to fit any half-gallon, quart or pint Mason jar. We do not furnish jars. Pan is hinged to the wire, so that it is not necessary to remove the can in order to refill it.

Price, postpaid, 10c each.

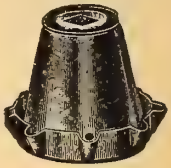
Shipping weight, 6 ounces.

Mason Chick Server

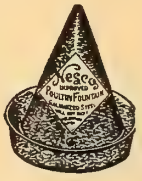


This server works automatically with feed or water. Fill a one-quart Mason fruit jar, screw the base to its place, then it is ready for business. Chicks cannot get wet. Price, 15c. Postpaid, 20c each.

Nesco Chick or Brooder Fountain



Quickly filled and the chicks cannot get wet. Price, 20c each. Postage 5c extra.

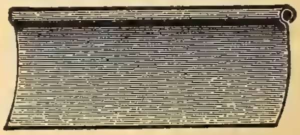


Nesco Galvanized Drinking Founts

Improved, 1 qt., 30c.; 2 qts., 40c.; 4 qts., 50c.

Mailing weights, Improved, 1, 2 and 3 Lbs.

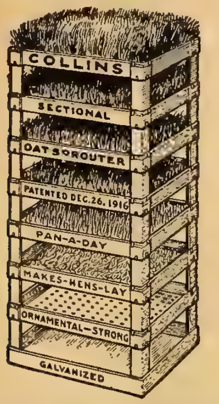
Moe's Hutch Scraper and Cleaner



Made of one-piece galvanized iron. Just the thing to get into the corners when cleaning. 10 in. long.

No. 47—Mailing weight, 2 Lbs. Price, 20c.

Collins Sectional Fireless Oat Sprouter

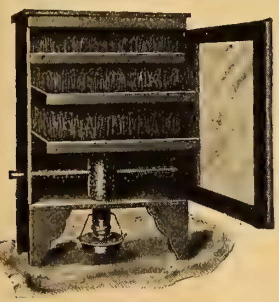


Made in three sizes at the following popular prices:

Five pans, 11x15	$3.00
Eight pans, 11x15	4.00
Eight pans, 11x32	8.00

Shipping weights, 10 Lbs., 14 Lbs., 29 Lbs.

Quality Always
Reliable Grain and Oats Sprouter



Sprouted oats will make hens lay. The Reliable Sprouter will sprout oats in three days. They have galvanized-iron panels, large glass doors, so light can enter.

3 tray, 50 chicks	$11.50
6 tray, 100 chicks	17.50

SPIR-OL
TRADE MARK
LEG BANDS

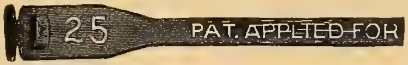
All Poultry and Pigeon Bands Postpaid

"Spir-ol Leg Bands." Made of celluloid, in ten colors. Goes on and off like key ring. Four sizes—Baby Chicks or Pigeons, Mediterranean, American and Asiatic Classes. Price, Doz. 15c, 25—30c, 50—50c, 100 for 75c.

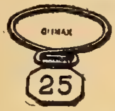
Leg Bands for Poultry and Pigeons

Size Used for Different Breed. (Order by number.)

No. 1 for Bantams and small Mediterranean females, etc. No. 2 for Ordinary Mediterranean and Pit Game females, etc. No. 3 for Mediterranean males, American females, Pit Game males and French females. No. 4 for medium Asiatic females, Turkey hens, etc. No. 5 for ordinary large Asiatic and Tom Turks, etc. No. 6 for extra large Asiatics and large Tom Turks, etc.

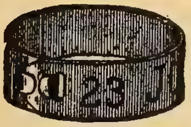


Champion Adjustable. 12 for 15c. 25 for 30c. 50 for 50c. 100 for 75c.



Climax. Made of spring brass and so made that the tag acts as clasp. 12 for 20c. 25 for 35c. 50 for 50c.

Double Clinch Leg Band



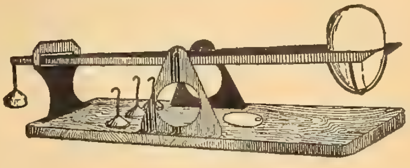
This is one of the best and most popular bands on the market. A favorite among Poultry and Turkey Raisers on account of its security. 12 for 20c. 25 for 30c. 50 for 50c. 100 for 90c. Postpaid.

Double Clinch Pigeon Bands, 12 for 20c. 25 for 30c. 50 for 50c. 100 for 90c.

Open Pigeon Bands for Marking Day old chicks, etc. 12 for 15c. 25 for 30c. 50 for 50c. 100 for 75c.

Seamless Pigeon Bands. 12 for 25c. 25 for 45c. 50 for 75c. 100 for $1.40.

The Gilt Edge Egg Scale



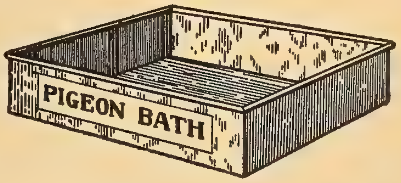
IS ONE OF THE MANY WAYS

Price, 50c Each

The Gild Edge Egg Scale has a weighing capacity from 18 to 29 ounces to the dozen graduating by the ounce per dozen.

We have thousands of our scales in the hands of the best poultrymen throughout the United States. There is not an Agricultural College in the U. S. but that has from one to a dozen in their poultry department. If you are not a user of the Gilt Edge Egg Scale, Get One, give it a thorough trial, if not satisfied, return it to your dealer, he will gladly refund your money and the manufacturerers stand squarely behind your dealer in making his guarantee.

Pigeon Baths



Made of heavy galvanized iron, 19 inches square, 4 inches deep; capacity, 5 gallons.

Made of galvanized iron, with heavy wire and riveted corners; it is durable and convenient. Each, $1.50. Large, round, $1.25. Small, round, 75c.

Clay Pigeon Nest

Made of very high grade and valuable clay. Each, 25c. $2.50 per doz.

The Little Putnam Stove

LITTLE PUTNAM STOVE

Uses of the Little Putnam Stove

Used under the drinking vessels of the poultry house to keep the water from freezing in the coldest winter weather.

Used as the heat element for a Putnam homemade oat sprouter.

Description of the Little Putnam Stove

A Little Putnam Stove is nine inches in diameter and four inches high; made of galvanized iron and equipped with a burner which embodies an entirely new principle in oil combustion. Combustion is complete and perfect, doubling the heat value of the oil. **The oil tank holds three pints of oil and burns three to four weeks without refilling or any other attention.** The wick never needs trimming. The stove with any kind of fair usage will last a life-time.

Advantages of the Little Putnam Stove

The advantages which the Little Putnam Stove has over all other devices for keeping water from freezing are:

First—The stove may be used with the same water server used in summer—can, crock or fountain.

Second—The stove has to be filled but a few times during the entire winter and never requires trimming. This will be appreciated by those who have used heaters that need trimming or filling almost every day, and by those who have used non-freezing fountains constructed on the principle of a fireless cooker, some of them making more work in cleaning than would be expended in carrying hot water three times a day.

Third—The cost of running the stove the entire winter is but from 20 to 30 cents. The expense for oil to run other heaters runs from 75 cents to $2.00 per season.

Fourth—The Little Putnam Stove does not furnish hot water to the fowls, but water at that tonic temperature which is best relished by them, and which increases the amount of food digested and assimilated, thus promoting growth and increasing the egg supply.

Fifth—It is absolutely essential that a constant supply of unfrozen water be accessible to the fowls at all times if they are to be kept at the top notch of health and productiveness.

Sixth—This stove is absolutely fire-proof and non-explosive. If it is tipped over it will go out. If it becomes buried in the litter it will go out.

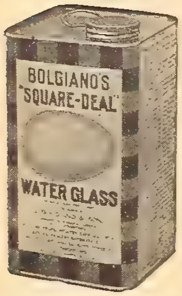
Seventh—This stove really costs the poultryman **nothing** because the **increased production of eggs during the first month's use will pay for the stoves, and this from a single pen of eight fowls.**

With every Little Putnam Stove is furnished directions for use, and easy-to-follow plans for making a Putnam Home Made Oat Sprouter. Cost of making Oat Sprouter about 50 cents.

Price of Little Putnam Stove $2.00 postpaid.

Bolgiano's Square Deal Water Glass

Saves Money and Helps Keep Down the High Cost of Living

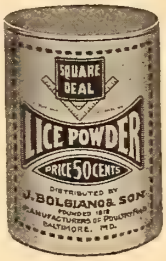


Put your eggs down in the spring and summer when they are cheap and keep them fresh for ten months. One gallon makes sufficient solution for 50 dozen. "Square Deal" Water Glass has been thoroughly tested. Do not trust eggs to a water glass of inferior strength. It must be pure and strong to safely protect eggs.

Stone or earthenware crocks, wooden kegs, glass jars, tin or iron vessels, or galvanized iron cans may be used; practically any convenient water-tight vessel that can be kept covered. Have about two inches of the preserving solution clear above the eggs. If necessary to add more solution because of evaporation, make up a fresh quantity of 11 parts water to 1 of solution and pour in. Do not simply fill up with water.

Prices: 1 quart, 35c; 2 quarts, 65c; 4 quarts, $1.25.

Bolgiano's Square Deal Lice Powder

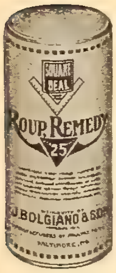


Spread a newspaper on the floor or ground. Hold the fowl over it while dusting. Five minutes after you have completed the application brush out the fowl's feathers and if there are not as many dead lice on the papers as there were live ones on the fowl, state the facts to us at once, and we will return you the purchase price. (If it is not better (NOT AS GOOD, BUT BETTER) than any Lice Powder you have ever used, we will cheerfully return the money.

Square Deal Lice Powder is good for most vermin on horses, cattle, calves and hogs. If your horse is lousy, sprinkle a little on the brush when you curry him. Agents wanted where we have no dealer.

Prices: 15-oz. box, 25c; mailing weight, 2 lbs.; 48-oz. package, 50c; mailing weight, 5 lbs.

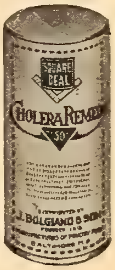
Bolgiano's Square Deal Roup Remedy



Roup is one of the most common, most contagious and most fatal diseases which afflict poultry. It frequently starts with a simple cold, and if unchecked quickly spreads through the entire flock. The symptoms are odorous discharges at the mouth and nostrils, followed by a swelling of the head and quick breathing. The fowl has an offensive breath and canker spots sometimes appear. If the disease is so far advanced that the fowls cannot see to drink, their heads may be bathed in the medicine until they have sufficiently recovered to drink. Use a little of this remedy in the fowls' drink as a preventive of roup, canker and common colds, and you will save much trouble. If it is used in the drink, the fowls take their own medicine.

Prices: Box to make 25 gallons, 25c, postpaid; box to make 75 gallons, 50c, postpaid.

Bolgiano's Square Deal Cholera Remedy

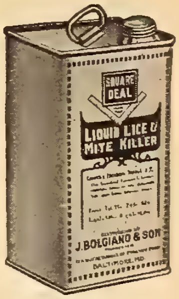


Cholera is a contagious and fatal disease and must be treated promptly upon appearance to save the flock infected. Unless stamped out it will annihilate the whole flock. For quick relief we can recommend this powder.

Square Deal Cholera Remedy, like our **Square Deal Roup Remedy,** is administered in the fowls' drinking water.

Price: 25c and 50c, postpaid.

Bolgiano's Square Deal Liquid Lice and Mite Killer



For Destroying Certain Lice, Insects and Mites on Fowls and Stock

We believe the strongest and most satisfactory liquid lice and mite killer manufactured. If you don't feel that way after using it, get your money back.

It requires an entirely different method of treatment to rid poultry houses of mites than to kill lice on fowls. You must "get after" these terrible blood-sucking pests with a fluid, and it is necessary to depend upon a gaseous vapor to penetrate their hiding places.

Square Deal Liquid Lice and Mite Killer has a double value. It kills by contact and the vapor thrown off by it kills most vermin.

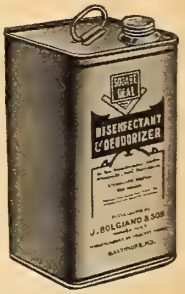
Poultrymen who do not find mites on their fowls should not be led to the delusion that their houses are free from them, for they attack fowls when they are on the roost at night, suck their blood during the sleeping hours and hide during the day under the roosts or in crevices.

It is used by applying liberally to nests, roosts, supports and dropping boards and walls of houses.

Tell your dealer you want **Square Deal Liquid Lice and Mite Killer.** Agents wanted where no dealers handle it.

Prices: 1-qt. cans, 45c, mailing weight, 4 lbs.; 2-qt. cans, 75c, mailing weight, 7 lbs.; 1-gallon cans, $1.25, mailing weight, 11 lbs.

Bolgiano's Square Deal Disinfectant and Deodorizer



Square Deal Disinfectant will greatly aid in keeping the Kitchen Sink and Garbage Can sanitary.

For Disinfecting Poultry Houses, Stables, Kennels, Toilets, Sink-drains, Cesspools, and to destroy most foul odors. Use two tablespoonfuls in one quart of water.

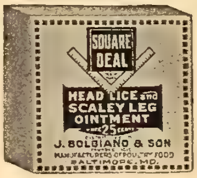
For the Sick Room. To prevent the spread of Cholera, Scarlet Fever, Influenza, Small-pox, Typhus, Diphtheria, Erysipelas, etc., sprinkle freely everywhere. Wash clothes and dishes, cuspidors and chamber vessels, etc., with two tablespoonfuls to one quart of water.

Valuable for washing out Incubator Cellars, Incubators, Brooders, Brood Coops and Drinking Utensils.

For General Use. One quart of **Square Deal Disinfectant** makes fifty quarts of Disinfectant. No household, farm, stable or factory should be without it. Full directions on each package.

Prices: 2-qt. can, 75c, mailing weight, 7 lbs.; 1-gal. can, $1.25, mailing weight, 11 lbs.

Bolgiano's Square Deal Lice and Scaly Leg Ointment


SQUARE DEAL
HEAD LICE AND SCALEY LEG OINTMENT
25 CENTS
J. BOLGIANO & SON
MANUFACTURERS OF POULTRY FOOD
BALTIMORE, MD.

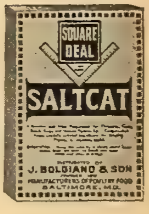
An Ointment for External Use

For Scaly Leg. Grease surface thoroughly. Let remain two days, wash off with warm water and soap and then make new application.

For Head Lice. At night apply a small quantity to top of head and rub in well.

Price: 25c, postpaid.

Bolgiano's Square Deal Salt Cat



Square Deal Salt Cat is a scientific combination of those aromatic and tonic properties that are recognized by pigeon keepers as aiding digestion, promoting good health and egg production in pigeon and game fowls.

These ingredients are cast in a brick form of sufficient consistency to hold the component parts in a solid mass, yet soft enough to be easily pecked apart. Each brick is encased in a box. Every pigeon fancier should feed **Square Deal Salt Cat.**

Price: Per brick, 10c; mailing weight 2 lbs.

Bolgiano's Square Deal Dog and Cat Remedies

Equal to Any 50c Remedy on the Market

Guaranteed to give satisfaction if used according to directions

Square Deal Laxative Pills	**25c**
Square Deal Vermifuge Capsules (Dogs)	**25c**
Square Deal Vermifuge Capsules (Puppy)	**25c**
Square Deal Eye Lotion	**25c**
Square Deal Rheumatic Tablets	**25c**
Square Deal Distemper Pills	**25c**
Square Deal Sulphur Tablets	**25c**
Square Deal Diarrhoea Tablets	**25c**
Square Deal Condition Pills	**25c**
Square Deal Digestive Tablets	**25c**
Square Deal Tonic Pills	**25c**
Square Deal Mange Remedy	**25c**

War Tax on Poultry Remedies—1c Extra on Each 25c Purchase or Fraction Thereof

IMPORTANT

Every STERLINGWORTH article is guaranteed to be true to name and to give satisfaction or money refunded.

Sterlingworth Flea Killer

STERLINGWORTH
FLEA KILLER
FOR ALL ANIMALS THAT WEAR HAIR
J. BOLGIANO & SON

When your dog gives you the "scratching sign" remember how miserable a few mosquitoes make you and "get busy" with flea relief measures. Don't keep a pet unless you are willing to do the "right thing" by it, and leaving your cat or dog to fight fleas when you can relieve him with a 25c box of **Sterlingworth Flea Killer** is NOT doing the "right thing."

We know of no other powder like it in results. Stand the animal on a sheet of paper and work **Sterlingworth Flea Killer** to the skin on the head, then into the hair on the rest of the body, and you will see the fleas drop dead from the animal. If you do not find more fleas on the paper five minutes after you have finished the application than you thought were on the animal, we will refund the purchase price. Price: 2 oz. sprinkler box, 25c, postpaid.

Sterlingworth Egg Tablets

More Eggs or Your Money Back

STERLINGWORTH
EGG TABLETS
MORE EGGS OR NO PAY
PRICE 50 CENTS
DISTRIBUTED BY J. BOLGIANO & SON BALTIMORE, MD.

The fellow who tells you that egg tonics are useless and should not be fed to hens is the fellow you meet most frequently in the drug store buying spring tonics, cascara, quinine or liver pills. Careful inquiry will generally show that he believes in "dosing" himself, wife, horse, dog, cow and cat, but on the point of "helping out" the hen he takes a different stand.

We want every poultryman in the United States who wants more eggs than he is now getting to try **Sterlingworth Egg Tablets,** with the distinct understanding that, if after using one-half the contents he does not believe that they have helped him, he may return to us the unused half and we will return to him the purchase price. We leave the matter entirely to the buyer's honor.

These tablets are as large as a five-cent piece and over an eighth of an inch thick, and contain more real concentrated egg-stimulating tonic value than is contained in a pound of many filler egg foods. They are used by dissolving in water or crushed into powder, and may be given either in the fowl's drink or by moistening food with the water in which the tablets are dissolved or mixed dry with mash foods. The best way is to feed in the food. Full directions on every package.

Prices: Trial size (27 tablets, sufficient to medicate 130 lbs. of feed). 25c, postpaid.

Sterlingworth Sulphur Candle

Kills Many Insect Pests and Certain Disease Germs

Sterlingworth Sulphur (three hours) **Candles** produce a large quantity of vapor. The wick is easy to light and when "lit" stays "lit."

They contain sufficient sulphur to burn three hours. This is more sulphur than many candles contain that are sold for a higher price. They are excellent for ridding poultry houses, dog, kennels, cellars, outhouses, etc., of certain insect pests and many disease germs. The vapor from them penetrates crevices which cannot be reached by powders or liquids. Sulphur fumes are recommended by many Boards of Health and physicians for destroying Typhoid, Diphtheria, Small-pox and many other disease germs.

Price: 10c each; mailing weight, 1 pound.

Oculum

FEED THE EGG MAKER
OCULUM

"OCULUM" is not a stimulant, but is a SCIENTIFIC GERMICIDE. It destroys disease germs in the bowel and keeps fowls healthy.

"OCULUM" increases weight fom ½ lb. to 3 lbs., according to breed.

Prices: 10c, 50c and $1.00 Bottles.

Postage extra.

American Turkey Powder

One of the best Turkey Powders on the market. Guaranteed to give satisfaction or money refunded. If you raise turkeys and are troubled with sickness or disease try a package of the powder in your feed, also in the water, and you will see what a difference and how soon your birds will be back in condition again. Will prevent Black Head, a disease dreaded by turkey raisers. Price, per package, 35c; by mail, 10c extra.

Sterlingworth Diarrhoea Remedy

STERLINGWORTH
DIARRHOEA REMEDY
PRICE 50 CENTS
DISTRIBUTED BY J. BOLGIANO & SON BALTIMORE, MD.

A Guaranteed Remedy for White Diarrhoea in Young Chicks and for Dysentery, Diarrhoea and Most Bowel Troubles in Full Grown Fowls and Young Chickens.

If Sterlingworth Diarrhoea Remedy is not satisfactory, you to be the judge of what constitutes satisfaction, return the empty box, any time within two months from date of purchase, state from whom purchased, and we will refund the purchase price. Can anything be fairer or can we do more to convince you of the reliability of this remedy? We know of nothing like it. It is the old original White Diarrhoea Powder. An "every time" preventive for bowel troubles, diarrhoea, dysentery, etc., in young chicks and old fowls and for White Diarrhoea in young chicks. Don't wait until your little chicks have diarrhoea. Keep the remedy on hand and use some in the "little fellows'" drink when they are two days old. "An ounce of Prevention is worth a pound of cure." Have it on the shelf ready and yon won't lose chickens. Order a package when you set your eggs. One chicken saved pays for a box. It is used in the drink of the fowls and chicks. They take their own remedy. Remember our "return your money" guarantee. Don't let a chick die with bowel trouble in your neighborhood. Full directions with each package.

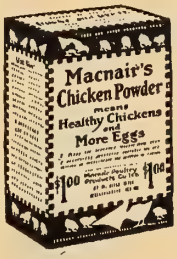
Prices: Trial size box, 25c, postpaid. Box sufficient for several flocks, 50c, postpaid.

Sterlingworth Going Light Tablets for Pigeons

When used as per directions will cure the dreaded disease known to Pigeon Keepers as "going light," except in cases where the bird has reached an incurable stage of the disease. These tablets contain powerful remedial properties, and should not be fed to young birds. Directions with every package. Price 25c.

Get More Eggs

By using Macnair's Chicken Powder. Used for more than ten years by hundreds of successful poultry raisers. It will assist nature to keep your hens in normal, healthy condition, causing them to lay more eggs. Used successfully in the treatment of poultry diseases.


Macnair's Chicken Powder
means Healthy Chickens and More Eggs
$1.00
$1.00

Save Your Chicks and Turkeys

By giving small doses of Macnair's Chicken Powder as directed. Protects them from hawks, crows and other barnyard robbers. Sold only in large standard packages.

Price, $1.00. Postage extra.

Insist always on the original.

Macnair's Chicken Powder

Don't Feed Green Food!

Do away with the bother by using

SucculentaTablets

They are better, cheaper and more relished by all fowl. Simply dissolve one tablet in one quart of drinking water. Succulenta Tablets are *not a drug nor a remedy, but a food*—wholesome and harmless. They make chicks grow.

A FULL EGG BASKET IS ASSURED

100 large tablets by mail, $0.60	**Your Money Back If Not Satisfied**
250 " " " " 1.00	
500 " " " " 1.75	
1000 " " " " 3.00	

Feed Succulenta to the Home Flock

The U. S. Government is urging everyone who has a backyard to keep a few hens to supply the home table. Such a flock costs little to keep, as it can be fed to a considerable extent upon table scraps. The backyard poultry keeper will find Succulenta a great boon, as it takes the place of green feed which is often so difficult to secure.

War Tax on Poultry Remedies—1c Extra on Each 25c Purchase or Fraction Thereof

Dr. HESS

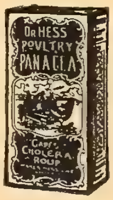
Poultry and Stock Preparations

Prescriptions of Dr. Hess (M. D., D. V. S.)

Dr. Hess Poultry Pan-a-ce-a

The Paying Hen

makes poultry healthy; makes hens lay; not a stimulant, but a tonic that tones up the dormant egg organs, brings back the scratch and cackle and compels each hen to put her share of eggs in the market basket.



It also contains internal antiseptics that counteract disease; insures a healthy, singing poultry flock. Cost but a trifle—a penny's worth enough for 30 hens per day. 1½ lbs., 25c; 5 lbs., 75c; 12 lbs., $1.50; 25-lb. pail, $3.00. **Guaranteed.**

Dr. Hess Stock Tonic

Formula printed on every package

SCIENTIFIC COMPOUND
HORSES
CATTLE
DR. HESS
STOCK TONIC
HOGS
SHEEP

Every ingredient indorsed by the U. S. Dispensatory and other high medical authorities. It aids digestion, makes stock healthy and expels worms. Helps stock convert more ration into milk, flesh, blood and muscle. Every pound backed by the Dr. Hess & Clark unqualified guarantee.

Prices, 2-lb. package, 25c; 4½-lb. package, 50c; 10-lb. package, $1.00; 25-lb. pail, $2.25.

Dr. Hess Healing Powder

DR. HESS
HEALING POWDER
FOR GALLS
HEALS AND PREVENTS PROUD FLESH

The modern gall cure. Cures galls, cuts, wounds, ulcers, grease heel. Antiseptic and soothing. Heals everything it touches by forming a coating, cleaning and closing up wounds. Comes in sifting-top cans. Price, 4 ozs., 25c; 10 ozs., 50c. **Guaranteed.**

Dr. Hess Roup Remedy

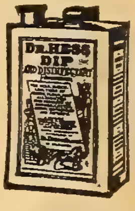
For Roup, Diphtheria, Chicken-pox and all catarrhal diseases. It has these distinctive features: it is antiseptic, slightly astringent, non-irritating and healing. 4-oz. cans, 25c; 10-oz. cans, 50c. **Guaranteed.**

Instant Louse Killer

INSTANT
LOUSE KILLER
KILLS LICE
TICKS FLEAS

Kills lice on poultry, horses, cattle; sheep ticks; bugs on cucumber, squash and melon vines; cabbage worms; slugs on rose bushes, etc. Sold in sifting-top cans—look for the word "Instant" before buying. Price, 1 lb., 25c; 2½ lbs., 50c. **Guaranteed.**

Dr. Hess Dip and Disinfectant



Non-poisonous and non-irritating and guaranteed to be absolutely uniform in strength at all times. One gallon of Dip makes from 70 to 100 gallons effective solution. Spray it on roosts. Sprinkle it over the runs and in all cracks and crevices. Spray it on cattle and horses. Makes a splendid dip for hogs and sheep. It's a sure parasite and disease germ destroyer. Purifies stables, troughs, sinks, drains. **Guaranteed.**

Keeps the premises pure and healthful. Good alike for home and stable. Price, Pt., 40c. Qt., 55c. ½ Gal., 95c. Gal., $1.60.

Dr. Hess Fly Chaser

Drives flies away. One application lasts six hours. Prevents milk slump. Keeps cattle and horses contented during the fly season. Most humane idea of the age. Its use during summer months will insure good profits. **Guaranteed.**

Drives away flies. Prevents milk slump. Price ½ Gal., 85c. Gal., $1.50.

Dr. Hess White Diarrhoea Remedy for Chicks and All Poultry Effected with Diarrhoea

Can be given either way, mixed with the feed or added to the drinking water. 25c and 50c sizes.

LEE'S POULTRY REMEDIES

LEE'S LICE KILLER
TRADE
MARK
WE ARE
FREE FROM LICE.

LEE'S GERMOZONE FOR POULTRY

Cures Roup, Colds, Canker, Chicken-Pox Sore Head, Swelled Head, Cholera, Bowel Trouble

Germozone is peculiarly adapted to all of these troubles because it may be administered either externally or internally for poultry according as the case may require. The Germozone is antiseptic and healing and has the important property of counteracting, in the chicken's crop, much or all of the musty or poisonous matter which will cause trouble later. It also has a regulating effect upon the bowels.

This is the reason why we recommend the giving of Germozone in the drinking water of chickens, young or old, two or three times a week with regularity. Many follow the plan of giving it every day in the last drink at night, giving pure water only during the day. It should not be given in all drinking water all the time.

Germozone comes in liquid or tablet form with full directions in each package.

Liquid, 40c and 75c. Tablets 25c and 75c.
Lee's Liquid Lice Killer. 1 Qt. 60c. 2 Qts. 90c. 4 Qts. $1.50.
Lee's Louse Powder. 1 Lb. package, 25c.

War Tax on Poultry Remedies—1c Extra on Each 25c Purchase or Fraction Thereof

Conkey's THE ORIGINAL Buttermilk Starting Food

MAKES HUSKY CHICKS

A READY-PREPARED feed for baby chicks and all self-feeding young fowls. Composed of buttermilk, pinhead oatmeal, a special wheat middlings, whole cornmeal, corn feed meal and granulated bone. Contains all elements needed for safely starting baby chicks, ducklings, goslings, poults, pheasants, quail, grouse, etc.

GUARANTEED ANALYSIS

CRUDE PROTEIN 12%   CRUDE FIBRE 4%   CRUDE FAT 3%
NITROGEN FREE EXTRACT 56%   CARBOHYDRATES 60%

This superior chick feed was the first commercial poultry feed containing buttermilk—that is why we call it *the only ORIGINAL buttermilk starting feed.*

Conkey's did not "just happen"—it is a scientifically-balanced feed as clean and wholesome and as conscientiously-prepared as "infant food." Selected, plump grains, ground to proper fineness, are combined with other ingredients so as to make the feed readily digestible, palatable and nutritious. TASTE it, SMELL it, that's the way to judge a chick feed.

Conkey's carries buttermilk in just the right proportion as an aid in prevention of bowel troubles, White Diarrhoea, "leg weakness," etc. The buttermilk is fresh, concentrated buttermilk, blended with the other ingredients by the ORIGINAL process in such a way as to preserve the appetizing, tonic, and other properties of the newly-churned product.

Lactic acid in buttermilk is described as an "intestinal broom" which sweeps away unfriendly bacteria and disease germs in the delicate digestive tract. Buttermilk is also rich in one of the vitamines necessary to growing birds. It is a wonderful appetizer, aid to digestion and flesh builder.

However, it is not the buttermilk nor the other ingredients alone that causes people to declare that their *chicks grow twice as fast on Conkey's.* It is not the buttermilk alone that protects the chicks from disease during the first critical eight weeks. The secret is in the combination of these materials by the Conkey method—the balancing of the ration, as Conkey alone knows how.

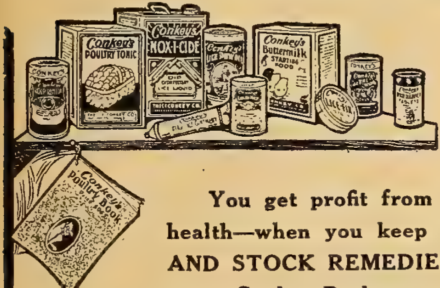
Don't be influenced by "cheaper" imitations labeled "buttermilk"—that word may be used to deceive unwary buyers—to cover up a multitude of "sinful" grains, mill sweepings, poisonous weed seeds, musty screenings, worthless by-products, or other poor material having little or no nutritive value.

Conkey's is so palatable that one poultry man said it ought to be used for "breakfast food." One woman wrote: "My chicks just love Conkey's. It is so tasty, and my how they do grow! Better still, we didn't have a single loss in the present hatch, no White Diarrhoea or other bowel troubles like before we began using Conkey's."

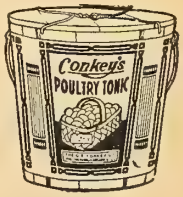
FEED IT FIRST 8 WEEKS

Conkey's is all the chicks need the first eight weeks except greens, charcoal, grit, clean water and some fine scratch grains in the litter for exercise. Give grit and water from the start. During the second week add green stuff and in the fourth week finely cracked chick grains, like *Conkey's Chick Grains.*

2½ Pounds 20c. 5 Pounds 35c. 10 Pounds 65c. Write for Prices on Larger Quantities.



Have a *Conkey* Corner in Your Poultry House



You get profit from your poultry only when your birds are in good productive health—when you keep disease out of your flock. We sell CONKEY'S POULTRY AND STOCK REMEDIES because we know they are absolutely reliable and we back every Conkey Package with our guarantee, "*Your money back if you are not satisfied.*" Send 4 cents in stamps for valuable Poultry Book on breeding, feeding, housing, care of poultry, poultry diseases and their prevention and treatment.

Conkey's Buttermilk Starting Food
The G. E. Conkey Co.

Conkey's
Conkey's Roup Remedy
Price 50¢

Conkey's Roup Remedy. World famous for Roup. 25c, 50c, $1.00. Postpaid. 5-lb. cans $6.75. Postage extra.

Conkey's Canker Special. A very efficient remedy. 50c. Postpaid.

Conkey's Cholera Remedy. 25c and 50c, or 30c and 55c postpaid.

Conkey's Sorehead (Chicken Pox). An excellent treatment. Postpaid, 30c and 55c.

Conkey's Bronchitis Remedy. Postpaid, 55c.

Conkey's Buttermilk Starting Food. Makes healthy chicks; prevents bowel troubles. 20c, 35c, 65c.

Price subject to change. Postage extra.

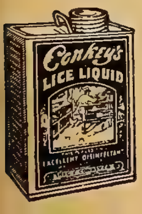
Conkey's Blackhead Remedy. Postpaid, 55c.

Conkey's Lice Powder

Conkey's Poultry Tonic. Good for all your birds. Packages, 25c, 50c. Pails, 12 lbs., $1.60. 25 lbs., $3.00. Express not paid or postage extra.

Conkey's Lice Powder. Packages, 5 oz., 10c; 15 oz., 25c; 48 oz., 50c. Postage extra.

Conkey's Lice Liquid. Quart, 60c. 2 qts., 90c. Gallon, $1.50. Express not paid.



Conkey's Noxicide. Disinfectant for homes, poultry yards and farms. Pt., 45c. Qt., 70c. 2 qts., $1.15. Gal., $1.80. Express not paid.

Conkey's Poultry Laxative. 30c and 55c. Postpaid.

Conkey's Scaly Leg Remedy. Postpaid, 30c.

Conkey's Head Lice Ointment. Saves chicks from big, murderous head lice. 10c and 25c. Postpaid.

Conkey's Gape Remedy. Saves chicks from choking, gape worm. 30c and 55c. Postpaid.

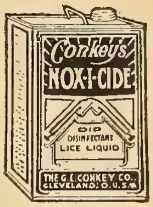
Conkey's Limber-Neck Remedy. 55c. Postpaid, 65c.

Conkey's Poultry Worm Remedy. Postpaid, 30c.

Conkey's White Diarrhoea Remedy. For this contagious chick disease. 30c and 55c, postpaid.

Conkey's Poultry Conditioner. For rapid conditioning. 30c and 55c. Postpaid.

Conkey's Lice Fix (Ointment). Easy to apply. Sure in results. 30c and 55c. Postpaid.



Conkey's Fly Knocker is invaluable for the dairyman, stockman, farmer and owner of live stock. Horses can't work, cows can't give milk rich in butter fat, if flies pester them all day long. Flies and other insects bring disease not alone to live stock, but into the household. Spray Conkey's Fly Knocker about the home and around the stables, and it will chase these wicked pests. Horses will pull longer and harder, cows will give more milk and better milk if sprayed with Conkey's Fly Knocker. Qt. 60c. 2 qts., 90c. Gal., $1.50. Express not paid. Write for prices on larger quantities.

Don't Worry! Conkey Will Cure Me

There is a Special Conkey Remedy for each Curable Poultry Disease

War Tax on Poultry Remedies—1c Extra on Each 25c Purchase or Fraction Thereof

ANIMAL AND POULTRY REGULATORS AND REMEDIES

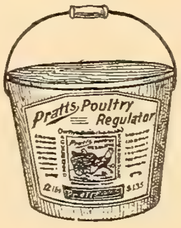
Buttermilk Baby Chick Food

SATISFACTION GUARANTEED OR MONEY BACK

Postage Extra and Must Be Included When Remitting

Healthy stock and lots of eggs, the two big things in poultry raising, are made certain by giving.

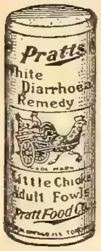
Pratt's Poultry Regulator



12 lb. pail, $1.65. 25 lb. pail, $3.00. Packages, 25c, 50c and $1.10.

It builds up vitality, insures sound digestion, sharpens appetite and prevents disease, thus putting birds in condition for heavy egg laying or winning blue ribbons.

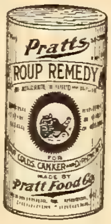
Pratt's White Diarrhoea Remedy



To protect your chicks from white diarrhoea, the most destructive of all chick diseases, it is only necessary to give Pratt's White Diarrhoea Remedy in the drinking water from the first drink. This remedy has saved many dollars' worth of chicks for poultry raisers. You can depend on it. 25c and 50c.

Pratt's Roup Remedy

Don't let ROUP cut your profits. The sure and easy "ounce of prevention" against this dangerously contagious disease is



Pratt's Roup Remedy

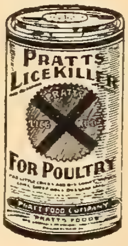
Tablets or Powder, 25c, 50c

Quickly absorbed by the blood, purifies the system, reduces fever, allays inflammation. The safe remedy for roup, colds, catarrh and all bad weather diseases.

A Guaranteed Pratt Remedy For Practically Every Stock and Poultry Ailment

Pratt's Powdered Lice Killer

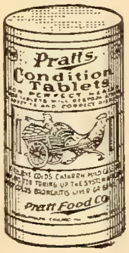
Get rid of lice on your poultry, in nests, dustbaths, incubators and elsewhere in a day's time by using



Pratt's Powdered Lice Killer

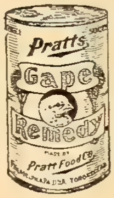
Effective, non-poisonous, non-irritating. May be used wherever a powder is suitable. A splendid deodorizer. Will kill lice on horses, cattle, dogs, cats and plants. Price, 12c, 25c and 50c

Pratt's Condition Tablets



A "bracer" for over-worked, run-down poultry. Keeps show birds in the pink of condition; puts flesh on thin birds; prevents colds, roup and liver troubles. We guarantee this Remedy to satisfy you or refund purchase price. 25c and 50c a box.

Pratt's Gape Remedy



An unfailing guaranteed remedy for Gapes. If used in the drinking water from the start until the chicks are four weeks old, gapes will be practically unknown.

Prices, 30c and 60c.

Horse and Cattle Remedies

Pratt's Conditioner, 60c. 12 lb. bags, $1.00. 25 lb. bags, $1.90.

Pratt's Distemper and Pink Eye, 70c.

Pratt's Healing Ointment, 30c and 60c.

Pratt's Healing Powder, 30c.

Pratt's Worm Powder, 50c.

Pratt's Liniment, 35c and 70c.

Pratt's Heave, Cold and Cough Cure, 50c.

Pratt's Liquid Lice, 1 qt. 50c, 2 qts. 85c, 4 qts. $1.35.

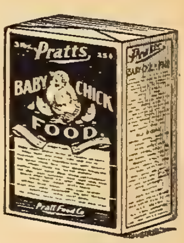
Pratt's Bronchitis Remedy, 25c and 50c.

Pratt's Head Lice Ointment, 25c.

Pratt's Scaly Leg Remedy, 35c and 70c.

Pratt's Germothol Bottles, 30c and 60c.

Just Watch Them Eat It—and Grow Pratt's Buttermilk Baby Chick Food

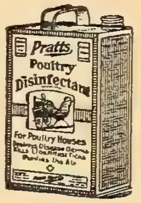


The first three weeks is the critical time of a chick's life. They are tender babies and need Pratt's, the original "baby food for baby chicks." It is the **right** food because it contains only the sweetest and best of wholesome growing food elements that will meet every need of a baby chick.

Dried Buttermilk, cooked wheat, bone-building phosphates, these and a host of other splendid ingredients go to make up Pratt's Buttermilk Baby Chick Food. Best because it gives results; cheapest because it raises more and better chicks. Always uniform, sweet, appetizing and satisfying. Used for years by thousands of the most successful poultrymen the world over. Packages 25c and 50c. 14 lb. bags $1.25.

Write for prices on larger quantities.

Pratt's Poultry Disinfectant



Gives comfort and health by destroying lice, mites and other vermin, and the germs of roup, colds and other diseases by freely and regularly using

Pratt's Poultry Disinfectant

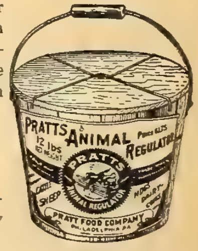
Three times as powerful as carbolic acid. Doesn't burn or irritate; safe to handle; lowest in price.

Besides its use in the poultry yard, it is an admirable household antiseptic and deodorant.

1 qt., 55c. 2 qts., 95c. 1 gal., $1.60.

Pratt's Animal Regulator

More work out of your horses. More milk from your cows, fatter hogs—these are a few of the benefits which come from using



Pratt's Animal Regulator

Always sold on a guarantee that it will satisfy you or money back.

12 lb. pails, $2.15. 25 lb. pails, $3.40, are popular with our customers. Packages at 25c, 50c and $1.00. Get prices on 50 lb. and 100 lb. drums.

Postage Extra and Must Be Included When Remitting

War Tax on Poultry Remedies—1c Extra on Each 25c Purchase or Fraction Thereof

Dog Foods

"SPRATT'S" MEAT "FIBRINE" VEGETABLE DOG CAKES ARE THE BEST AND CHEAPEST

The standard dog food. They will keep a dog in show form and working condition. Used at the leading kennels and dog shows throughout the world. A staple and constant food for all breeds of dogs.

Convincing Proof of Merit

At three shows recently over three thousand (3,000) prizes were won by dogs fed regularly and exclusively on **Spratt's Dog Foods.**

Prices: 100 lbs., $14.00. 50 lbs., $7.50. 25 lbs., $3.75. Cartons, 20c and 40c.

"SPRATT'S" COD LIVER OIL DOG BISCUITS

Are invaluable for old or delicate dogs or those recovering from sickness. Dogs eat them without coaxing.

Prices: 100 lbs., $14.25. 50 lbs., $7.75. 25 lbs., $3.90. Cartons, 20c and 40c.

"SPRATT'S" TURKEY FOOD (fine for chicks or poults, coarse for old birds) is an absolute necessity for the successful rearing of turkeys. It prevents disease and rears strong, vigorous birds. Prices: Cartons, 40c.

"SPRATT'S" PHEASANT MEAL

The ideal food for young pheasants. Packages, 20c and 40c.

THEY FIGHT FOR SPRATT'S

PUPPY FOODS

"SPRATT'S" PUPPY BISCUITS. The Standard Puppy Food

Are the best and cheapest for puppies of all breeds, toys or small dogs that gets very little exercise. They are refined and dainty.

A perfect and whole food for puppies of all breeds.

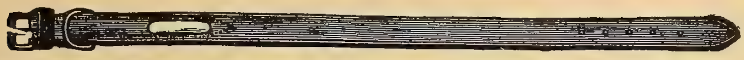
Puppies should be started on these biscuits when about one month old and they should be continued until such time as their teeth become sound and strong, usually when they are about six months old. Follow directions on each package.

Prices: $14.00 per 100 lbs. $7.50 per 50 lbs. $3.75 per 25 lbs. Cartons, 20c and 40c.

SPRATT'S DOG REMEDIES

Spratt's Alterative Cooling Tablets. For heated blood, etc	$0.60
Spratt's Anti-Vomit Tablet	.60
Spratt's Chronic Skin Disease Tablets. For obstinate cases of Mange and Eczema	.60
Spratt's Cough Tablets. Generally effect a quick cure	.60
Spratt's Constipation Tablets. A gentle and effective laxative	.60
Spratt's Digestive Tablets. For severe cases of indigestion	.60
Spratt's Diarrhoea Tablets. To relieve Diarrhoea, which usually follows change of food, etc	.60
Spratt's Distemper Tablets. May be used as a preventive	.60
Spratt's Ear Canker Ointment. For both internal and external forms of this disease	.60
Spratt's Eye Lotion Tablets. A safe and efficient remedy	.60
Spratt's Eczema and Sarcoptic Mange Remedy (oily)	.60
Spratt's Hair Stimulant and Restorer	.60
Spratt's Kidney Tablets. For Cystitis or Inflammation of the Bladder, etc.	.60
Spratt's Liniment. For Rheumatism, Sprains, Bruises, Lameness, etc., and may be used for human treatment as well	.60
Spratt's Liver Tablets. A safe and reliable remedy	.60
Spratt's Locurium Ointment. For Wounds and Cuts, Bruises, etc. Good for man as well as beast	.60
Spratt's Mange Remedy	$0.60
Spratt's Purgative Tablets. Perfectly safe and effective	.60
Spratt's Worm Capsules. An expedient of Round, Maw and Tape Worms	.60
Spratt's Worm Capsules for Puppies. May be given with perfect safety to puppies from six weeks old to six months	.60
Spratt's Tonic and Condition Tablets for Toy Dogs and Puppies.	.60
Spratt's Pneumonia Tablets. A safe and reliable remedy	.60
Spratt's White Dog Soap. For fleas, lice, etc.; per cake	.25
SPRATT'S AQUARIUM FISH FOOD. The only aquarium fish food that does not foul the water. Prices: Per tin, 15c; by mail, 20c.	
SPRATT'S BIRD TONIC (Henning's). For the prevention and cure of all diseases which cage birds are subject to. Prices, in bottles, 15c. Not mailable.	
SPRATT'S SONG RESTORER (Dunlap's). A treat and tonic for Canaries, Linnets and all seed-eating birds. Price, 25c; by mail, 30c.	
Spratt's Tonic and Condition Tablets for Cats	.60
Spratt's Distemper Tablets for Toy Dogs and Puppies	.75
Spratt's Distemper Tablets for Cats	.75
Spratt's Vermifuge Capsules for Toy Dogs and Puppies	.60
Spratt's Vermifuge Capsules for Cats	.60

FLAT COLLARS (As Illustrated)



Plain solid leather collars, hand-sewed, in russet leather, with plain or lock tongue buckle. Nickel-plated or brass trimmings with name plate.

½ inch wide	$0.40	¾ inch wide	$0.55
⅝ " "	.45	1 " "	.75

FLAT ENAMELLED COLLARS

Flat enamelled collars, with plain or lock tongue buckle.

Without Name Plate, Red and Green

⅜ inch wide	$0.75	1 inch wide	$1.25
½ " "	.75	1¼ " "	1.40
⅝ " "	.75	1½ " "	1.75
¾ " "	1.00		

With Name Plate, Russet

½ inch wide	$0.75	¾ inch wide	$1.00
⅝ " "	.75	1 " "	1.25

ROUND TOY DOG AND CAT COLLARS IN COLORS

Most suitable for Pomeranians, Toy Spaniels, Toy Terriers, Cats, etc. Colors, black, russet, red, green and blue.

No. 27.	Plain round stitched collars, with metal name tag	$0.75
No. 28.	Studded round stitched collars, with metal name tag	1.00
No. 28A.	Round stitched collars, with name tag and bell	1.00

IMPORTED ALL LEATHER MUZZLES

Leather Style

This Muzzle is made of firm leather, which is specially dressed for the purpose. Designed to prevent the dog from picking up injurious food in the street, at the same time allowing the animal to open the mouth, **breathe freely** and **drink freely.**

Leather Muzzles.

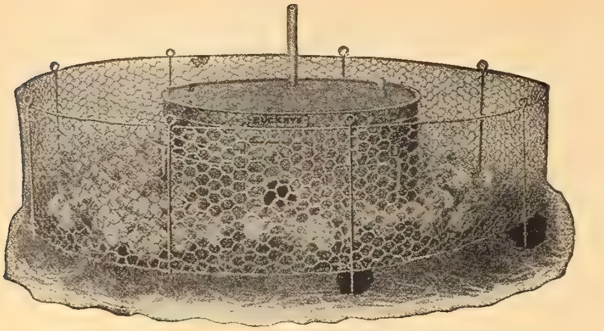
No. 3—Small Terriers, etc.	$0.50
No. 4—Fox Terriers, etc.	.75
No. 6—Airedale Terriers	1.00
No. 7—Large Bull and Airedale	1.10
No. 8—Pointers and Setters	1.25
No. 9—Retrievers and Collies	1.40
No. 10—Great Danes	1.50
No. 11—Large Great Danes, Small St. Bernards	1.70
No. 12—St. Bernards	1.75

MEEK AND COURT RABBIT REMEDIES AND SUPPLIES

A-1 Regulator and Conditioner	75c
A-1 Snuffle Medicine	75c
A-1 Kanker Kure	35c
A-1 Slobber Kure	35c
A-1 Ventine	35c
A-1 Nu Life Iron Tonic	75c
A-1 Nu Life Breeding Tonic	75c
A-1 Worm Medicine	75c
A-1 Snuffle Diet	75c
A-1 Pneumo Remedy	75c
A-1 Diarrhoea Remedy	75c
A-1 Everlasting Ear Markers	75c
A-1 Easy Tan	75c
A-1 Coccidiosis Powders	75c
A-1 De Luke Pedigree Blanks—Book of 50	75c
A-1 Certificate of Sale—Book of 50	75c
Breeding Record Cards, Pads of 50	35c
Rabbit Shipping Tags, Pads of 50	35c
Hutch Cards, Pads of 50	35c
Fur Stretchers	Each 75c
Sore Hock Boots	Each 25c

War Tax on All Remedies—1c Extra on Each 25c Purchase or Fraction Thereof

Bolgiano's "Square-Deal" Portable Brooder Fence



Bolgiano's "Square-Deal" Portable Brooder Fence

One-inch mesh, 18 inches high, with 28-inch Stakes.

Price F. O. B. Baltimore, Md.

Per Running Foot, Eighteen (18) Inches High, at	$0.06
Per Roll of 150 Running Feet, 18 Inches High, at	5.00

Hardware Cloth

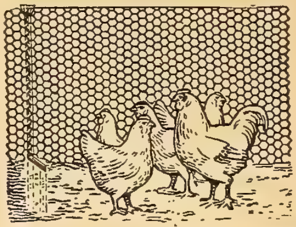
For lining corn cribs, to circle around brooders for newly hatched chicks. Put up in rolls of 100 feet.

12 inch, 100 square feet	$ 6.50
18 inch, 150 square feet	9.75
24 inch, 200 square feet	12.75
30 inch, 250 square feet	15.95
36 inch, 300 square feet	19.00
48 inch, 400 square feet	25.50

10 Per Cent Discount in Full Roll Lots of Hardware Cloth

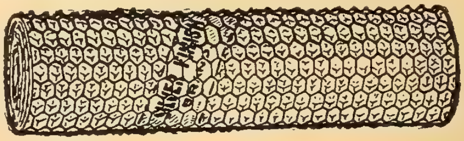
Silver Finish Poultry and Pigeon Wire

Galvanized after weaving. Worth 50 per cent more to the customer than galvanized before weaving.



Hard steel wire. Put up in rolls of 150 feet. Galvanized after weaving. Two-inch mesh.

12 inch, 150 square feet	$1.35
24 inch, 300 square feet	2.55
36 inch, 450 square feet	3.50
48 inch, 600 square feet	4.60
60 inch, 750 square feet	5.75
72 inch, 900 square feet	6.90



Pigeon Wire

Galvanized after weaving. One-inch mesh.

12 inch, 150 square feet	$3.20
18 inch, 225 square feet	4.60
24 inch, 300 square feet	5.80
36 inch, 450 square feet	7.90
48 inch, 600 square feet	10.55
60 inch, 750 square feet	13.20

National Poultry and Garden Fence

Stay Wire Six Inches Apart

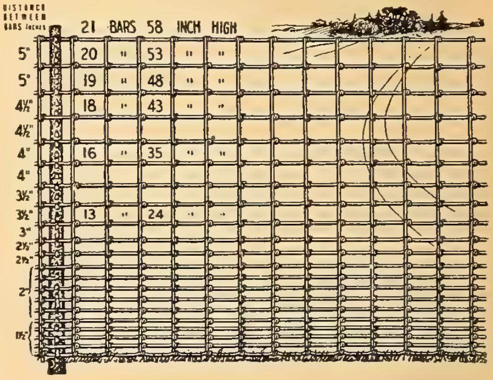
Furnished in Ten Rod Rolls. Prices, F. O. B. Baltimore, Md.

Top or bottom boards are not required with this Poultry Fence. The heavy top and bottom wires and the close spacing make the fence rigid and easy to stretch.

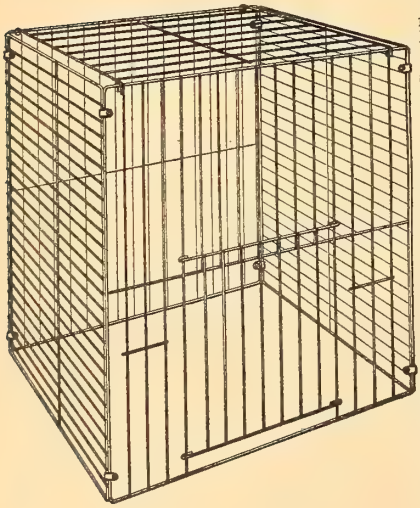
The illustrated cut at the right shows the National Poultry and Garden Fence, giving the inches of spacing, the number of bars and the heights. We carry in stock the three most popular heights, as listed below. The National Poultry and Garden Fence makes an ideal fence against poultry and all small animals. The spacing (as per illustration) is graduated from 1½ inches at the bottom to 5 inches at the top. The distances between the stay wires is 6 inches.

Furnished in rolls of 10 rods each, or 165 lineal feet, at 10 per cent discount from prices listed below.

Style No.	Distance Between Stays	Height, Inches	Number of Bars	Approximate Weight per Rod	List Price per Rod	Our Price per Rod
2158	6	58	21	10.8	$1.49	$1.00
1948	6	48	19	9.7	1.33	.88
1635	6	35	16	8.0	1.10	.75



Poultry Coop



Made in single compartment, consequently easy to handle and to store away.

On the front and back sections the wires run vertically, and on the side sections horizontally.

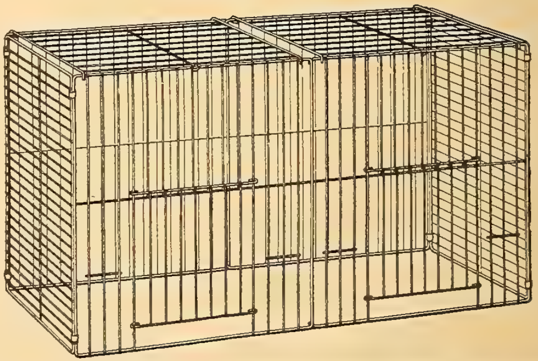
The wires on the side sections are spaced to make a narrow mesh, and are so arranged that when the coops are set side by side the wires on the adjoining partitions alternate, making a mesh of one-fourth inch, thus rendering it impossible for the birds to peck or fight each other between the coops.

The use of this design for cooping shows is very effective, as it permits a splendid view of the entire show from any part of the room.

Standard, 24x24x27 ins. high. Price $1.75.

Wood bottom, 60c.

Poultry Pen Coop



The construction of the Pen Coop is like the single coops heretofore described.

Has **two doors** making it especially convenient to secure the birds inside, and which also retains the coop uniformity of the show room.

It can be used as a two-compartment coop by inserting our removable partition. These partitions can be put in or taken out at will.

Made in one size:

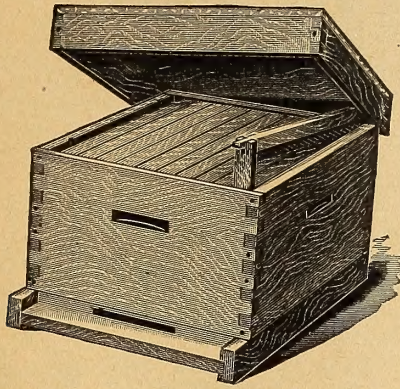
48x24x27 inches high. Price	$3.00
Wood bottom	1.00
Partition	.40

Beekeepers

To our customers who have bees, and to those who are interested in this vocation, we wish to announce that we have secured a good stock of standard goods to meet the average beekeeper's needs. We can get no better line of supplies than we have secured. It is the well-known ROOT Quality goods, and it will give entire satisfaction. We stand back of it with our own guarantee, and it is also supported by the guarantee of THE A. I. ROOT COMPANY, of Medina, Ohio, the manufacturers.

We will only describe a few of the articles and hives we are stocking. We have a special catalog on supplies and appliances for beekeepers, and ask you to write for one of them.

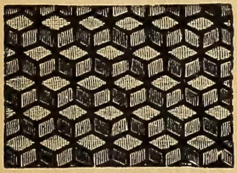
One-Story Standard Hive, With Metal Cover



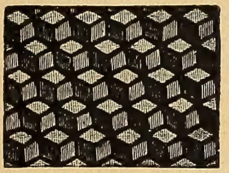
This hive is the one most universally used by the largest honey-producers on account of its light weight and the ease with which it may be moved from one location to another. It is of highest quality throughout, being made of best selected white pine, perfectly milled and fitted together.

While made either in eight-frame or ten-frame size, we recommend the ten-frame hive. It consists of a bottom-board, double telescoping cover with metal cap and body or brood-chamber, with Hoffman frames. Nails and tin rabbets are included with all hives.

Comb Foundation

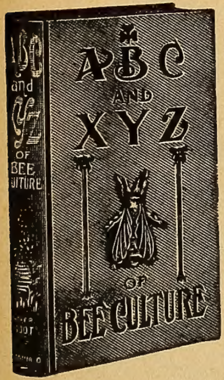


Medium Brood



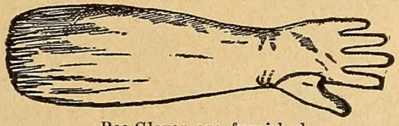
Thin Super

We carry fresh comb foundation, without which it is quite difficult to secure straight, perfect worker comb in the brood nest or straight marketable sections of comb honey in sections.



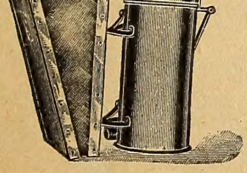
This edition of the A B C and X Y Z of Bee Culture contains 850 pages of real information on bees. It is arranged alphabetically, making it a fine reference book in time of doubt.

Bee-Gloves

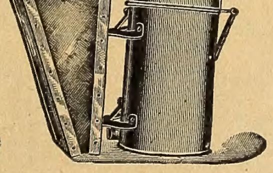


Bee-Gloves are furnished in three sizes: Small, Medium and Large.

Root Smokers



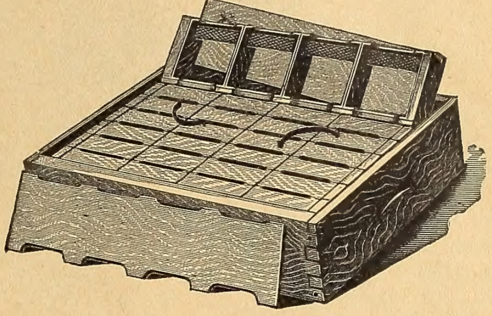
Standard

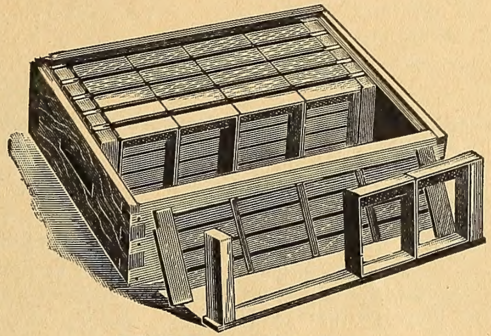


Jumbo

Root Smokers are so well known that they need no introduction. We carry both Standard and Jumbo sizes, in copper and tin.

4¼x4¼x1⅞ Beeway Section Super for Comb Honey in Sections

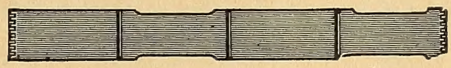




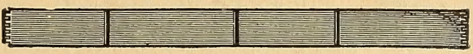
4x5x1⅜ Plain Section Super

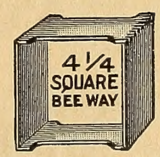
We show two of the most practical supers for comb honey. These two have stood the test of use and are today more generally used than any other. We can heartily urge you to use either, especially the 4x5x1⅜, which produces that tall, well-filled section that sells so easily.

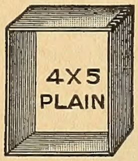
Section Honey-Boxes



4¼x4¼x1⅞ Inches Wide with Two Beeways



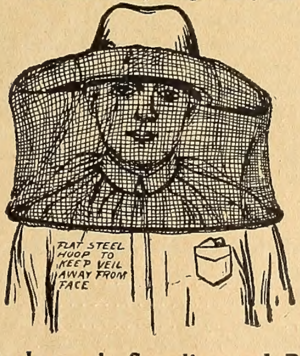




4x5x1⅜ Plain Section, no Beeways

These sections are made of clear white basswood and fold without breaking.

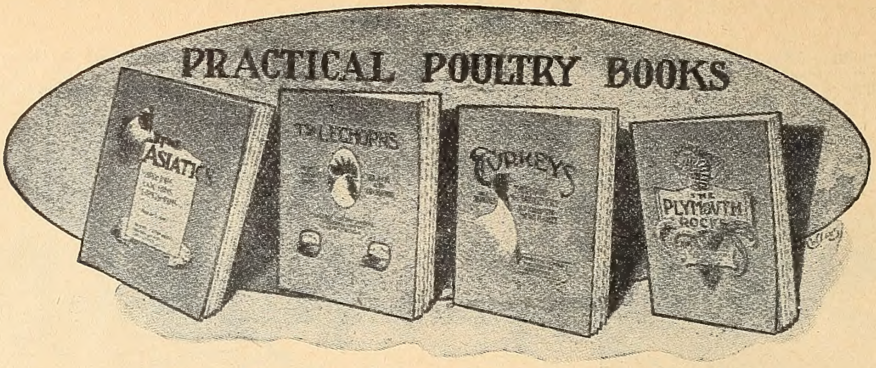
Furnished in packages 100, 250 and 500 in either style.


FLAT STEEL HOOP TO KEEP VEIL AWAY FROM FACE

Root Bee-Veils

For those who need protection a Root Veil will prove quite adequate. It is light, durable and built on right principles.

Write for Special Catalogue on Beekeeper's Supplies and Prices



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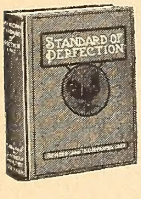

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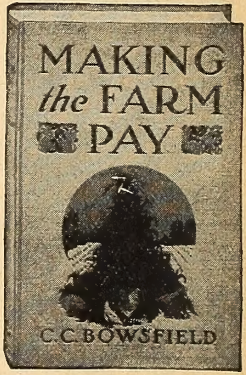

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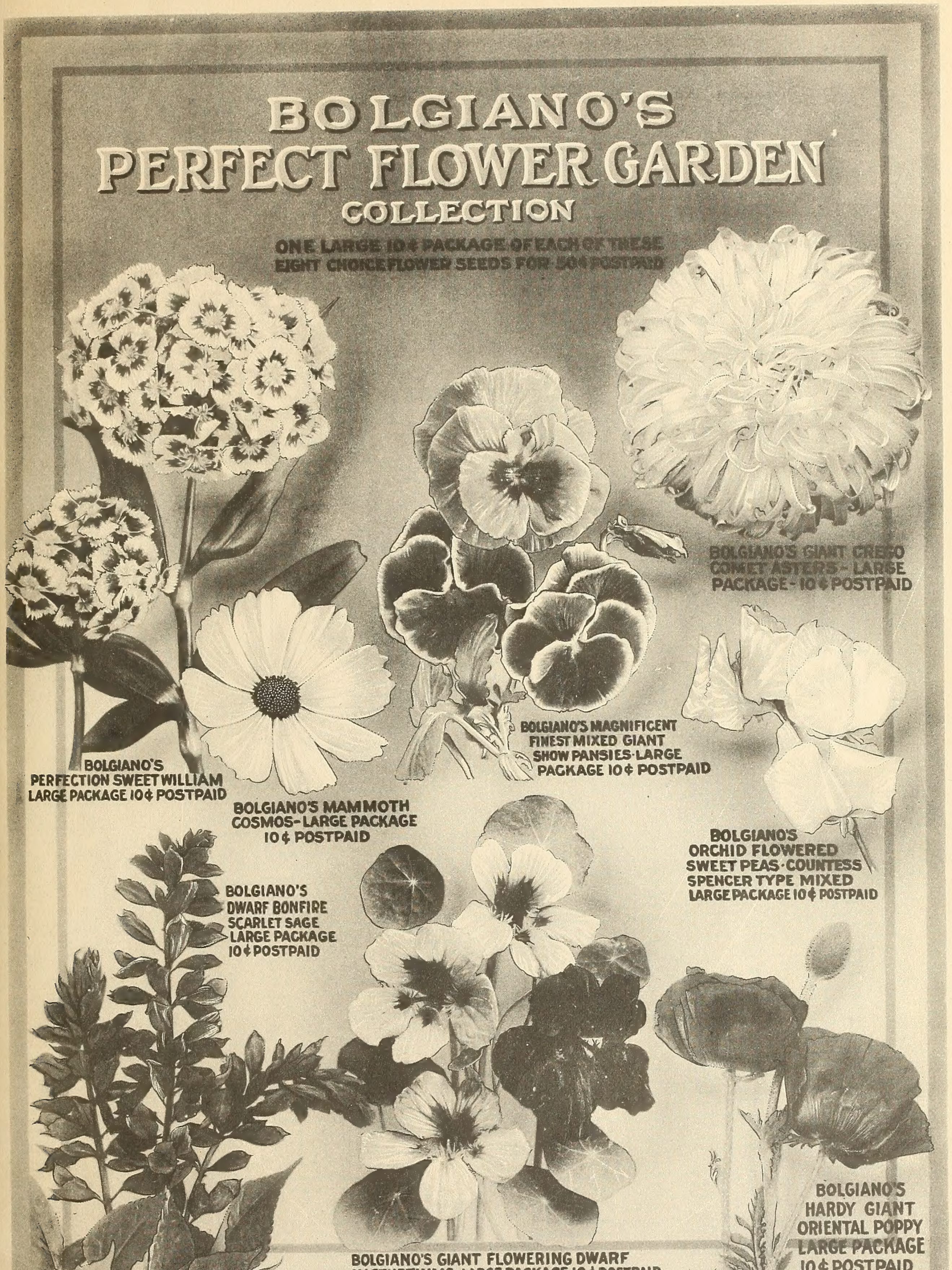

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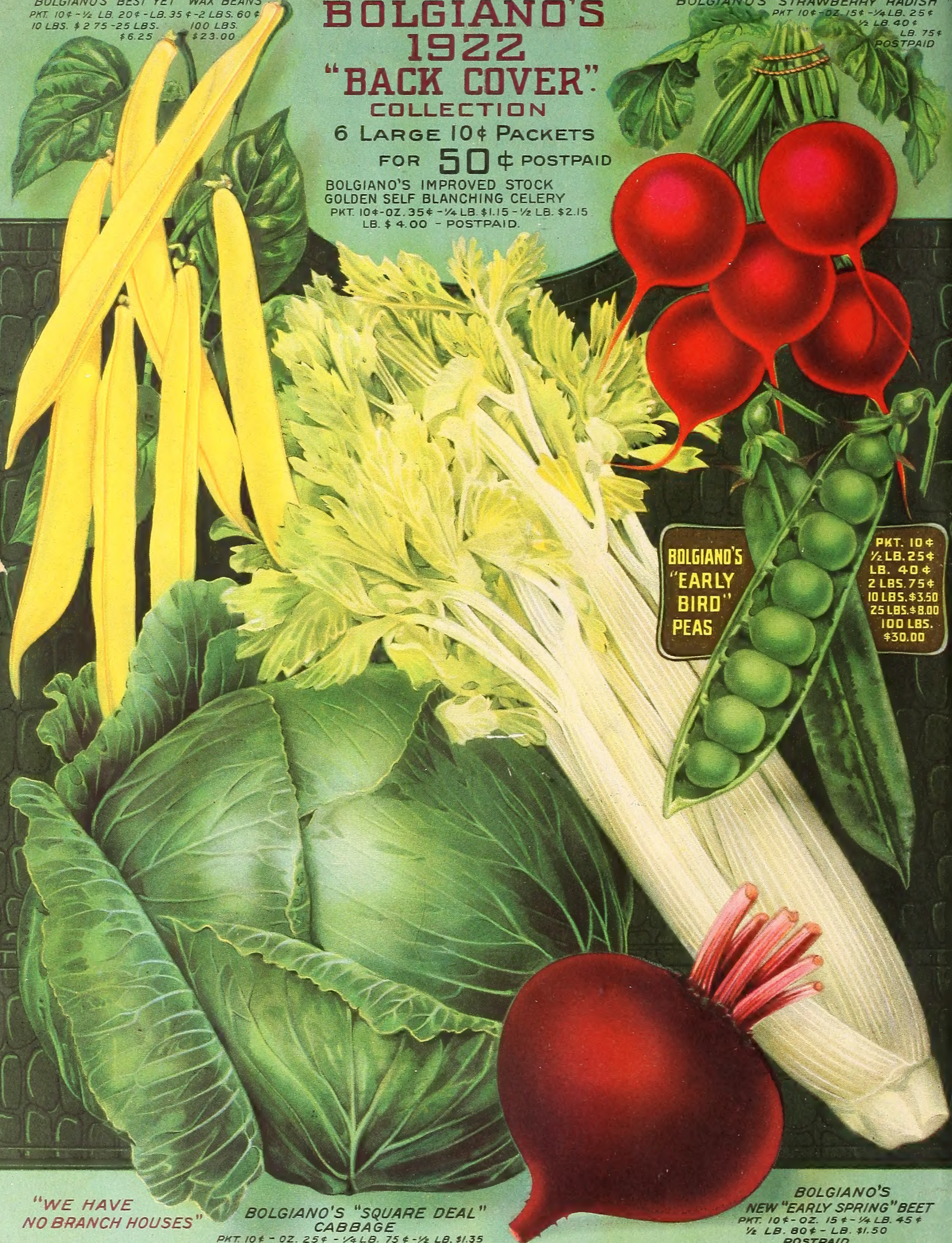

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